

MaxPab®

# IFT122 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00055764-B01P

Size 500 ug

## Specification

|                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|-------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Description           | Mouse polyclonal antibody raised against a full-length human IFT122 protein.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Immunogen                     | IFT122 (ACE87720.1, 1 a.a. ~ 1131 a.a) full-length human protein.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Sequence                      | <p> MRAVLTWRDKA EHCINDIAFKPDGTQLILAAGSRLLVYDTS DGTLLQPLKGHKDTVYCVAYAKDGL<br/> WSPEQKSVSKHKSSSKIICCSWTNDGQYLALGMFNGI SIRNKNGEEKVKIERPGGSLSPMWSICWN<br/> PSREERN DILAVADWGQKVSFYQLSGKQIGKDRALNFD PCCISYFTKGEYLLGGSDKQVSLFTKD<br/> GVRLGTVGEQNSWVWTCQAKPDSNYVVVGCQDGTISFYQLIFSTVHGLYKDRYAYRDSMTDVIVQ<br/> HLITEQKVRIKCKELVKKIAYRNRLAIQLPEKILYEL YSEDLSDMHYRVKEKIIKKFECNLLVVCANHII<br/> LCQEKR LQCLSFSGVKEREWQMESLIRYKVI GGPPGRELLVGLKNGQILKIFVDNLFAMLLKQAT<br/> AVRCLDMSASRKKLAVVDENDTCLVYDIDTKELLFQEPNANSVAWNTQCEDMLCFSGGGYLNK<br/> ASTFPVHRQKLQGFVVGYN GSKIFCLHVFSISAVEVPQSAPMYQYLD RKLFEAYQIACLGVTDTD<br/> WRELAMEALEGLDFETAKKAFIRVQDLRYLELISSIEERKKRGETNNDLFLADVFSYQGKFHEAAK<br/> LYKRSGHENLALEMYTDL CMFEYAKDFL GSGDPKETKMLITQADWARNIKEPKAAVEMYISAGE<br/> HVKAIEICGDHGWV DMLIDIARKL DKAEREPLLLCATY LKKLDSPGYAAETYLKMGDLKSLVQLHV<br/> ETQRWDEAFALGEKHPEFKDDIYMPYAQWLAENDRFEEA QKAFHKAGRQREAVQVLEQLT NNA<br/> VAESRFNDAAYYYWMLSMQCLDIAQADPAQKDTMLGKFYHFQRLAELYHG YHAIHRHTEDPFSVH<br/> RPETLFNISRFL LHSLPKDTPSGISKVKILFTLAKQSKALGAYRLARHAYDKLRGLYPARFQKSIELG<br/> TLTIRAKPFHDSEELVPLCYRCSTNNPLLNNLGNVCINCRQPFIFSASSYDVLHLVEFYLEEGITDEE<br/> AISLIDLEVL RPKRDDRQLEIANNSSQILRLVETKDSIGDED PFTAKLSFEQGGSEFVPVVVSRLVL<br/> RSMR RDVLIKRWPPPLRWQYFRSLLPDASITMCPSCFQMFHSEDYELLVLQHGCCPYCRRCKD<br/> DPGP </p> |
| Host                          | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Reactivity                    | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Interspecies Antigen Sequence | Mouse (87); Rat (82)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Quality Control Testing       | Antibody reactive against mammalian transfected lysate.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Storage Buffer                | In 1x PBS, pH 7.4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Storage Instruction           | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

## Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

## Gene Info — IFT122

**Entrez GeneID** [55764](#)

**GeneBank Accession#** [EU832629.1](#)

**Protein Accession#** [ACE87720.1](#)

**Gene Name** IFT122

**Gene Alias** SPG, WDR10, WDR10p, WDR140

**Gene Description** intraflagellar transport 122 homolog (Chlamydomonas)

**Omim ID** [606045](#)

**Gene Ontology** [Hyperlink](#)

**Gene Summary** This gene encodes a member of the WD repeat protein family. WD repeats are minimally conserved regions of approximately 40 amino acids typically bracketed by gly-his and trp-aspartic acid (GH-WD), which may facilitate formation of heterotrimeric or multiprotein complexes. Members of this family are involved in a variety of cellular processes, including cell cycle progression, signal transduction, apoptosis, and gene regulation. This cytoplasmic protein contains seven WD repeats and an AF-2 domain which function by recruiting coregulatory molecules and in transcriptional activation. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. [provided by RefSeq]

**Other Designations** WD repeat domain 10