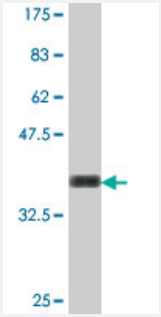
IFT122 polyclonal antibody (A01)

Catalog # H00055764-A01 Size 50 uL

Applications



Western Blot detection against Immunogen (36.89 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant IFT122.
Immunogen	IFT122 (NP_443711, 1194 a.a. ~ 1291 a.a) partial recombinant protein with GST tag.
Sequence	SIGDEDPFTAKLSFEQGGSEFVPVVVSRLVLRSMSRRDVLIKRWPPPLRWQYFRSLLPDASITMC PSCFQMFHSEDYELLVLQHGCCPYCRRCKDDPG
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (87); Rat (82)
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.89 KDa) .
Storage Buffer	50 % glycerol
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

  Protocol Download

- ELISA

Gene Info — IFT122

Entrez GeneID	55764
GeneBank Accession#	NM_052985
Protein Accession#	NP_443711
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-asp (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

Publication Reference

- Essential role of nephrocystin in photoreceptor intraflagellar transport in mouse.

  Jiang ST, Chiou YY, Wang E, Chien YL, Ho HH, Tsai FJ, Lin CY, Tsai SP, Li H.

  Human Molecular gGnetics 2009 May; 18(9):1566.

  Application: IF, Mouse, Retinal