

MaxPab®

ARPC1A purified MaxPab mouse polyclonal antibody (B02P)

Catalog # H00010552-B02P

Size 500 ug

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human ARPC1A protein.
Immunogen	ARPC1A (ACE87462.1, 1 a.a. ~ 370 a.a) full-length human protein.
Sequence	MSLHQFLLEPITCHAWNDRDRTQIALSPNNHEVHYKNGSQWVKAHELKEHNGHITGIDWAPKSDR ITCGADRDAYVWSQKDGWVKPTLVILRINRAATFVKWSPLENKFAVGSGARLISVCYFESENDW WVSKHIKKPIRSTVLSDWHPNNVLLAAGSCDFKCRVFSAYKEVDEKPASTPWGSKMPFGQLM SEFGGSGTGGWVHGVSFSASGSRLAWVSHDSTVSVADASKSVQVSTLKTEFLPLLSVSFVSEN SVVAAGHDCCPMLFNYYDDRGCLTFVSKLDIPKQSIQRNMSAMERFRNMDKRATTEDRNTALET LHNSITQVSIYEVDKQDCRKFCCTTGIDGAMTIWDFKTLESSIQGLRIM
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (98); Rat (98)
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 — ARPC1A

Entrez GeneID	10552
GeneBank Accession#	EU832112.1
Protein Accession#	ACE87462.1
Gene Name	ARPC1A
Gene Alias	Arc40, SOP2Hs, SOP2L
Gene Description	actin related protein 2/3 complex, subunit 1A, 41kDa
Omim ID	604220
Gene Ontology	Hyperlink
Gene Summary	This gene encodes one of seven subunits of the human Arp2/3 protein complex. This subunit is a member of the SOP2 family of proteins and is most similar to the protein encoded by gene ARPC1B. The similarity between these two proteins suggests that they both may function as p41 subunit of the human Arp2/3 complex that has been implicated in the control of actin polymerization in cell s. It is possible that the p41 subunit is involved in assembling and maintaining the structure of the Arp2/3 complex. Multiple versions of the p41 subunit may adapt the functions of the complex to different cell types or developmental stages. [provided by RefSeq]
Other Designations	SOP2-like protein actin binding protein (Schizosaccharomyces pombe sop2-like) actin related protein 2/3 complex subunit 1A

Pathway

- [Fc gamma R-mediated phagocytosis](#)
- [Regulation of actin cytoskeleton](#)

Disease

- [Crohn Disease](#)
- [Disease Progression](#)
- [Disease Susceptibility](#)
- [Genetic Predisposition to Disease](#)
- [HIV Infections](#)
- [Pancreatic cancer](#)

- [Pancreatic Neoplasms](#)