

DNAXPAb

Hard-to-Find
Antibody

ARPC1A DNAXPab

Catalog # H00010552-W01P Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human ARPC1A DNA using DNAX™ Immune technology.
Technology	DNAX™ Immune
Immunogen	Full-length human DNA
Sequence	MSLHQFLLEPITCHAWNDRDRTQIALSPNNHEVHYKKNGSQWVKAHELKEHNGHITGIDWAPKSDR ITCGADRNAYVWSQKDGVWKPTLVILRINRAATFVKWSPLENKFAVGSGARLISVCYFESENDW WVSKHIKKPIRSTVLSLDWHPNNVLLAAGSCDFKCRVFSAYKEVDEKPASTPWGSKMPFGQLM SEFGSGTGGWVHGVSFASGSRLAWVSHDSTVSVADASKSVQVSTLKTEFLPLLSVSFVSEN SVVAAGHDCCPMLFNYDDRGCLTFVSKLDIPKQSIQRNMSAMERFRNMDKRATTEDRNTALET LHQNSTQVSIYVDKQDCRFCTTGIDGAMTIWDFKTLESSIQGLRIM
Host	Rabbit
Reactivity	Human
Purification	Protein A
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](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

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 cells. 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](#)