

Rabbit INPP5E Polyclonal Antibody | anti-INPP5E antibody

INPP5E Rabbit pAb

CATALOG # AAA281841	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot
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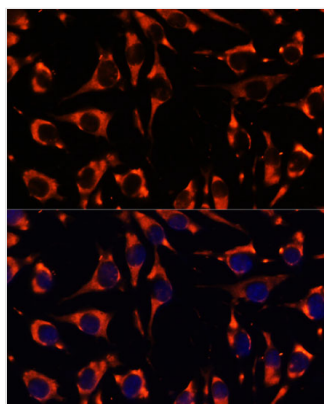
PRODUCT SYNONYMS

INPP5E; Polyclonal Antibody; INPP5E Rabbit pAb; CORS1; CPD4; JBTS1; MORMS; PPI5PIV; pharbin; anti-INPP5E antibody

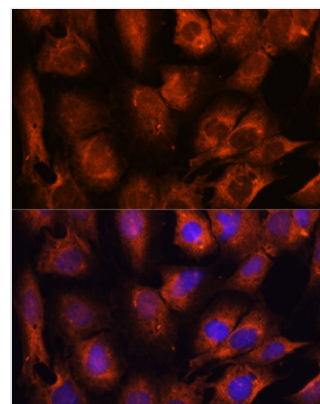
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Sequence	LIREMRKGS I FKGFQEPDIH FLPSYKFDIG KDTYDSTSKQ RTPSYTDRVL YRSRHKGDIC PVSYS SCPGI KTS DHRPVYG LFRVKVRPGR DNIPLAAGKF DRELYLLGIK RRISKEIQRQ Q
Applicable Applications for anti-INPP5E antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 510-630 of human INPP5E (NP_063945.2).
Positive Samples	SH-SY5Y
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

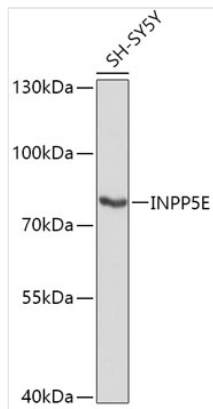
IMAGES


IF (Immunofluorescence)

Immunofluorescence analysis of L929 cells using INPP5E antibody at dilution of 1:100. Blue: DAPI for nuclear staining.


IF (Immunofluorescence)

Immunofluorescence analysis of C6 cells using INPP5E antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of SH-SY5Y cells, using INPP5E antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 3s.

ADDITIONAL INFORMATION

Related Product Information for anti-INPP5E antibody	Background: The protein encoded by this gene is an inositol 1, 4, 5-trisphosphate (InsP3) 5-phosphatase. InsP3 5-phosphatases hydrolyze Ins(1, 4, 5)P ₃ , which mobilizes intracellular calcium and acts as a second messenger mediating cell responses to various stimulation. Studies of the mouse counterpart suggest that this protein may hydrolyze phosphatidylinositol 3, 4, 5-trisphosphate and phosphatidylinositol 3, 5-bisphosphate on the cytoplasmic Golgi membrane and thereby regulate Golgi-vesicular trafficking. Mutations in this gene cause Joubert syndrome; a clinically and genetically heterogeneous group of disorders characterized by midbrain-hindbrain malformation and various associated ciliopathies that include retinal dystrophy, nephronophthisis, liver fibrosis and polydactyly. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jan 2016]
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NCBI AND UNIPROT INFORMATION

NCBI GI #	326806964
NCBI GeneID	56623
NCBI Accession #	NP_063945.2
NCBI GenBank Nucleotide #	NM_019892
UniProt Accession #	Q9NRR6; Q2YD81
Molecular Weight	28,145 Da
NCBI Official Full Name	Homo sapiens inositol polyphosphate-5-phosphatase, 72 kDa (INPP5E), nuclear gene encoding mitochondrial protein, mRNA
NCBI Official Synonym Full Names	inositol polyphosphate-5-phosphatase, 72 kDa
NCBI Official Symbol	INPP5E
NCBI Official Synonym Symbols	CPD4; CORS1; JBTS1; MORMS; PPI5PIV
NCBI Protein Information	72 kDa inositol polyphosphate 5-phosphatase; phosphatidylinositol 4,5-bisphosphate 5-phosphatase; phosphatidylinositol-4,5-bisphosphate 5-phosphatase; phosphatidylinositol (4,5) bisphosphate 5-phosphatase; phosphatidylinositol polyphosphate 5-phosphatase
UniProt Protein Name	72 kDa inositol polyphosphate 5-phosphatase
UniProt Gene Name	INPP5E
UniProt Entry Name	INP5E_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/inpp5e-antibody-immunofluorescence-western-blot-elisa/281841>