

Rabbit INPP5E Polyclonal Antibody | anti-INPP5E antibody

INPP5E Polyclonal Antibody

CATALOG # AAA177516	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot
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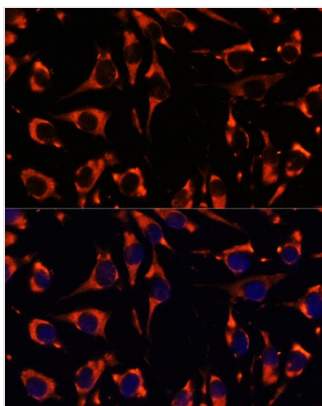
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

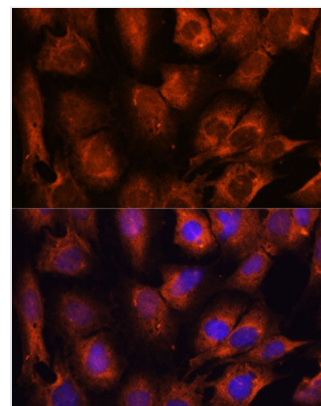
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-INPP5E antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant fusion protein of human INPP5E (NP_0639452)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



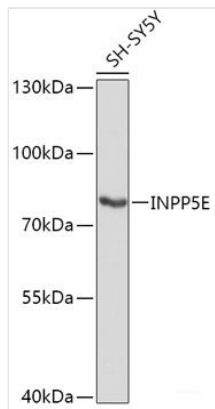
IF (Immunofluorescence)

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



IF (Immunofluorescence)

Immunofluorescence analysis of C6 cells using INPP5E Polyclonal 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 Polyclonal Antibody at dilution of 1:1000.

ADDITIONAL INFORMATION

Related Product Information for anti-INPP5E antibody	The protein encoded by this gene is an inositol 1, 4, 5-trisphosphate (InsP3) 5-phosphatase. InsP3 5-phosphatases hydrolyze Ins (1, 4, 5)P3, 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 heterogenous 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]
Product Categories/Family for anti-INPP5E antibody	Polyclonal Antibody

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/177516>