

Rabbit INPP5B Polyclonal Antibody | anti-INPP5B antibody

INPP5B Rabbit Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA313848	Rabbit	Human, Mouse, Rat	Immunofluorescence, Western Blot

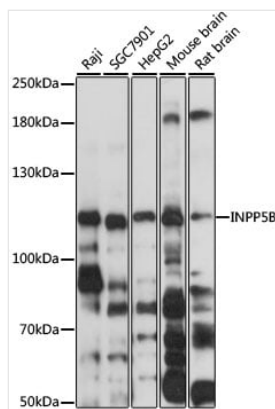
PRODUCT SYNONYMS

INPP5B; Polyclonal Antibody; INPP5B Rabbit Polyclonal Antibody; 5PTase; anti-INPP5B antibody

PRODUCT SPECIFICATIONS

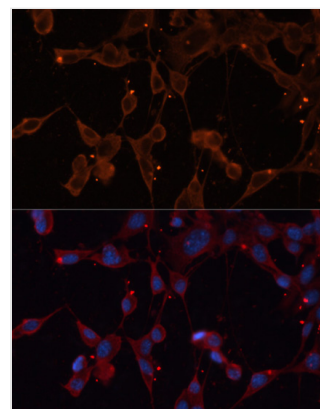
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Applicable Applications for anti-INPP5B antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant fusion protein of human INPP5B (NP_005531.2).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



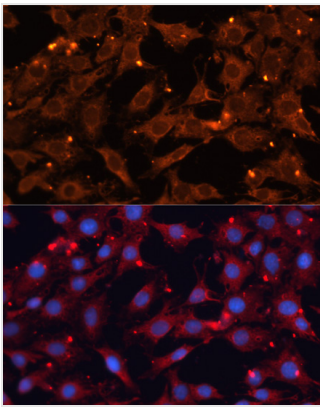
WB (Western Blot)

Western blot analysis of extracts of various cell lines, using INPP5B at 1:3000 dilution.



IF (Immunofluorescence)

Immunofluorescence analysis of NIH/3T3 cells using INPP5B at dilution of 1:100. Blue: DAPI for nuclear staining.



IF (Immunofluorescence)

Immunofluorescence analysis of C6 cells using INPP5B at dilution of 1:100. Blue: DAPI for nuclear staining.

ADDITIONAL INFORMATION

Related Product Information for anti-INPP5B antibody	This gene encodes a member of a family of inositol polyphosphate-5-phosphatases. These enzymes function in the regulation of calcium signaling by inactivating inositol phosphates. The encoded protein is localized to the cytosol and mitochondria, and associates with membranes through an isoprenyl modification near the C-terminus. Alternatively spliced transcript variants of this gene have been described.
Product Categories/Family for anti-INPP5B antibody	Primary Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	113722125
NCBI GeneID	3633
NCBI Accession #	NP_005531.2
NCBI GenBank Nucleotide #	NM_005540.2
UniProt Accession #	P32019; Q5VSG9; Q5VSH0; Q5VSH1; Q658Q5; Q6P6D4; Q6PD53; Q86YE1; C9J6U5
Molecular Weight	993
NCBI Official Full Name	type II inositol 1,4,5-trisphosphate 5-phosphatase
NCBI Official Synonym Full Names	inositol polyphosphate-5-phosphatase, 75kDa
NCBI Official Symbol	INPP5B
NCBI Official Synonym Symbols	5PTase
NCBI Protein Information	type II inositol 1,4,5-trisphosphate 5-phosphatase; phosphoinositide 5-phosphatase; 75 kDa inositol polyphosphate-5-phosphatase; type II inositol-1,4,5-trisphosphate 5-phosphatase
UniProt Protein Name	Type II inositol 1,4,5-trisphosphate 5-phosphatase
UniProt Gene Name	INPP5B
UniProt Synonym Gene Names	OCRL2; 5PTase
UniProt Entry Name	I5P2_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.