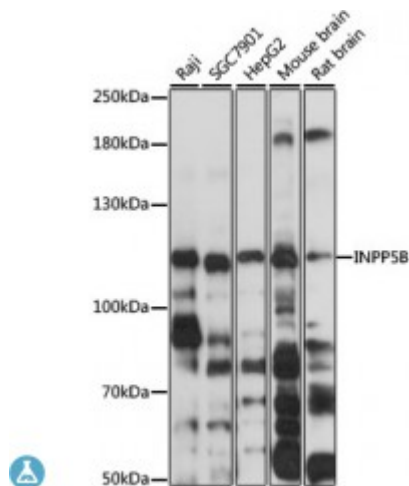


Anti-INPP5B Antibody



Description

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.

Model	STJ116222
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	WB
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-260 of human INPP5B (NP_005531.2).
Gene ID	3633
Gene Symbol	INPP5B
Dilution range	WB 1:500 - 1:2000
Tissue Specificity	Platelets
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	Type II inositol 1,4,5-trisphosphate 5-phosphatase
Molecular Weight	112.852 kDa
Clonality	Polyclonal

Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:6077OMIM:147264Reactome:R-HSA-1855183
Alternative Names	Type II inositol 1,4,5-trisphosphate 5-phosphatase
Function	Hydrolyzes phosphatidylinositol 4,5-bisphosphate (PtIns(4,5)P2) and the signaling molecule phosphatidylinositol 1,4,5-trisphosphate (PtIns(1,4,5)P3), and thereby modulates cellular signaling events,
Cellular Localization	Cytoplasm, cytosol
Post-translational Modifications	Isoprenylation at Cys-990 may be required for localization at the membrane,

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