

Rabbit anti-Human, Mouse INPP5D Polyclonal Antibody | anti-INPP5D antibody

INPP5D Polyclonal Antibody

CATALOG # AAA311050	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Immunofluorescence, Western Blot
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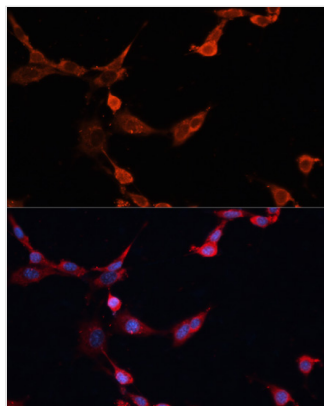
PRODUCT SYNONYMS

INPP5D; Polyclonal Antibody; INPP5D Polyclonal Antibody; SHIP; SHIP-1; SHIP1; SIP-145; hp51CN; p150Ship; inositol polyphosphate-5-phosphatase D; anti-INPP5D antibody

PRODUCT SPECIFICATIONS

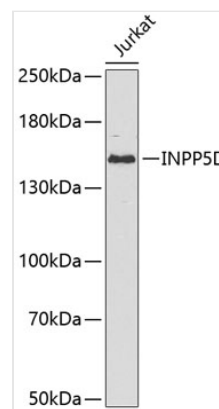
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 50% glycerol, pH7.6
Applicable Applications for anti-INPP5D antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant fusion protein of human INPP5D (NP_005532.2).
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of NIH/3T3 cells using INPP5D antibody.



WB (Western Blot)

Western blot analysis of extracts of Jurkat cells, using INPP5D antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-INPP5D antibody	This gene is a member of the inositol polyphosphate-5-phosphatase (INPP5) family and encodes a protein with an N-terminal SH2 domain, an inositol phosphatase domain, and two C-terminal protein interaction domains. Expression of this protein is restricted to hematopoietic cells where its movement from the cytosol to the plasma membrane is mediated by tyrosine phosphorylation. At the plasma membrane, the protein hydrolyzes the 5' phosphate from phosphatidylinositol (3, 4, 5)-trisphosphate and inositol-1, 3, 4, 5-tetrakisphosphate, thereby affecting multiple signaling pathways. The protein is also partly localized to the nucleus, where it may be involved in nuclear inositol phosphate signaling processes. Overall, the protein functions as a negative regulator of myeloid cell proliferation and survival. Mutations in this gene are associated with defects and cancers of the immune system. Alternative splicing of this gene results in multiple transcript variants.
Product Categories/Family for anti-INPP5D antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	40254823
NCBI GeneID	3635
NCBI Accession #	NP_005532.2
NCBI GenBank Nucleotide #	NM_005541.4
UniProt Accession #	Q92835; O00145; Q13544; Q13545; Q6P5A4; Q92656; Q9UE80
Molecular Weight	109,294 Da
NCBI Official Full Name	phosphatidylinositol 3,4,5-trisphosphate 5-phosphatase 1 isoform b
NCBI Official Synonym Full Names	inositol polyphosphate-5-phosphatase, 145kDa
NCBI Official Symbol	INPP5D
NCBI Official Synonym Symbols	SHIP; SHIP1; SHIP-1; hp51CN; SIP-145; p150Ship
NCBI Protein Information	phosphatidylinositol 3,4,5-trisphosphate 5-phosphatase 1; inositol polyphosphate-5-phosphatase, 145kD; SH2 domain-containing inositol 5'-phosphatase 1; signaling inositol polyphosphate phosphatase SHIP II; signaling inositol polyphosphate 5 phosphatase SI
UniProt Protein Name	Phosphatidylinositol 3,4,5-trisphosphate 5-phosphatase 1
UniProt Gene Name	INPP5D
UniProt Synonym Gene Names	SHIP; SHIP1; SIP-145; SH2 domain-containing inositol phosphatase 1; SHIP-1; hp51CN
UniProt Entry Name	SHIP1_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.