

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

INPP5D Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA174473	Rabbit	Mouse, Rat	Immunohistochemistry

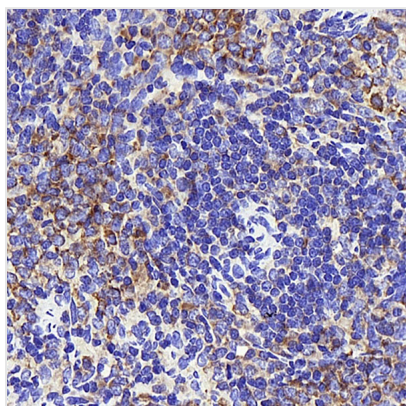
PRODUCT SYNONYMS

INPP5D; Polyclonal Antibody; INPP5D Polyclonal Antibody; Inositol polyphosphate 5 phosphatase of 145kDa; 4; 5-trisphosphate 5-phosphatase 1; hp51CN; Inositol polyphosphate 5 phosphatase 145kDa; Inositol polyphosphate 5 phosphatase; Inositol polyphosphate-5-phosphatase of 145 kDa; MGC104855; MGC142140; MGC142142; p150Ship; Phosphatidylinositol 3; 5 trisphosphate 5 phosphatase 1; Phosphatidylinositol-3; SH2 containing inositol phosphatase isoform b; SH2 domain containing inositol 5' phosphatase 1; SH2 domain containing inositol phosphatase 1; SH2 domain-containing inositol phosphatase 1; SH2 domain-containing inositol-5"-phosphatase 1; SHIP-1; SHIP1; Signaling inositol polyphosphate 5 phosphatase SIP 145; SIP-145; SIP145; anti-INPP5D antibody

PRODUCT SPECIFICATIONS

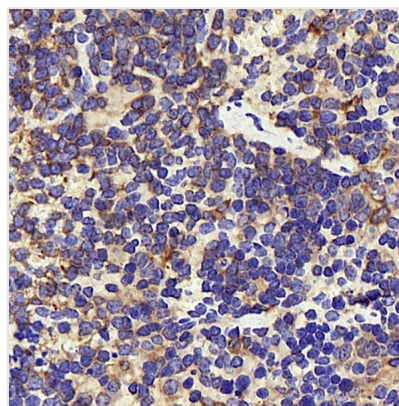
Host	Rabbit
Reactivity	Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.02% sodium azide, 100 mug/ml BSA and 50% glycerol.
Concentration	430 mug/mL (varies by lot)
Sequence Length	1,190
Applicable Applications for anti-INPP5D antibody	IHC (Immunohistochemistry)
Immunogen	KLH conjugated synthetic peptide corresponding to Mouse SHIP1
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded rat thymus tissue using INPP5D Polyclonal Antibody at dilution of 1:300.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded mouse inflammation spleen using INPP5D Polyclonal Antibody at dilution of 1:300.

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	Cancer; Immunology; Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	158854001
NCBI GeneID	16331
NCBI Accession #	NP_001103662.1
NCBI GenBank Nucleotide #	NM_001110192.2
UniProt Accession #	Q9ES52; Q3UPF9; Q4U212; Q61034; Q61173; Q61181; Q9JKR7; Q9JLF9; Q9JLG0; Q9QVN8; Q9WUC2
Molecular Weight	133,443 Da
NCBI Official Full Name	phosphatidylinositol 3,4,5-trisphosphate 5-phosphatase 1 isoform 2
NCBI Official Synonym Full Names	inositol polyphosphate-5-phosphatase D
NCBI Official Symbol	Inpp5d
NCBI Official Synonym Symbols	SHIP; SHIP1; SHIP-1; s-SHIP; SIP-145; p150Ship
NCBI Protein Information	phosphatidylinositol 3,4,5-trisphosphate 5-phosphatase 1
UniProt Protein Name	Phosphatidylinositol 3,4,5-trisphosphate 5-phosphatase 1
UniProt Gene Name	Inpp5d
UniProt Synonym Gene Names	7a33; Ship; Ship1; SIP-145; SH2 domain-containing inositol phosphatase 1; SHIP-1

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://stage.aaabiotech.com/polyclonal/inpp5d-antibody-immunohistochemistry-elisa/174473>