

Product datasheet for TA357788

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OriGene Technologies, Inc. 9620 Medical Center Drive, Ste 200

SHIP (INPP5D) Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: WB

Reactivity: Human Rabbit Host:

Clonality: Polyclonal

Specificity: Expected reactivity: Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat

Homology: Cow: 86%; Dog: 86%; Guinea Pig: 79%; Horse: 100%; Human: 100%; Mouse: 100%;

Pig: 93%; Rabbit: 93%; Rat: 100%

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose.

Note that this product is shipped as lyophilized powder to China customers.

Concentration: lot specific

Purification: Affinity Purified Conjugation: Unconjugated

Storage: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small

aliquots to prevent freeze-thaw cycles.

Shelf life: one year from despatch. Stability:

Predicted Protein Size: 131kDa

Gene Name: inositol polyphosphate-5-phosphatase D

Database Link: NP 001017915

Entrez Gene 3635 Human

Q92835





Background: 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. Overall, the protein functions as a negative regulator of myeliod cell proliferation and survival. Alternate transcriptional splice variants, encoding different isoforms, have been characterized.

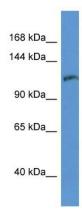
Synonyms: hp51CN; MGC104855; MGC142140; MGC142142; p150Ship; SHIP; SHIP-1; SHP1; SIP-145

Protein Families: Druggable Genome

Protein Pathways: B cell receptor signaling pathway, Fc epsilon RI signaling pathway, Fc gamma R-mediated

phagocytosis, Insulin signaling pathway, Phosphatidylinositol signaling system

Product images:



WB Suggested Anti-INPP5D Antibody

Titration: 1.0 ug/ml

Positive Control: THP-1 Whole Cell