

Rabbit anti-Human, Mouse INPPL1/SHIP2 Polyclonal Antibody | anti-INPPL1/SHIP2 antibody

Rabbit anti-INPPL1/SHIP2 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211029	Rabbit	Human, Mouse	Immunohistochemistry, Immunoprecipitation, Western Blot

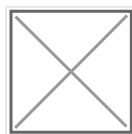
PRODUCT SYNONYMS

INPPL1/SHIP2; Polyclonal Antibody; Rabbit anti-INPPL1/SHIP2 Antibody; Affinity Purified; Inositol polyphosphate phosphatase-like protein 1; SHIP-2; SHIP2; SH2 domain-containing inositol-5'-phosphatase 2; SH2 domain-containing inositol phosphatase 2; SH2 domain-containing inositol 5'-phosphatase 2; protein 51C; phosphatidylinositol 3; 4; 5-trisphosphate 5-phosphatase 2; INPPL-1; 51C protein; OPSMD; Phosphatidylinositol 3; inositol polyphosphate phosphatase like 1; anti-INPPL1/SHIP2 antibody

PRODUCT SPECIFICATIONS

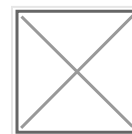
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-INPPL1/SHIP2 antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Rat
Immunogen	Between 100 and 150
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human and mouse INPPL2/SHIP2 by western blot. Samples: Whole cell lysate (50, 15, 5 ug) from HeLa and (50 ug) from HEK293T and mouse NIH 3T3 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-INPPL2/SHIP2 antibody AAA211029 (lot AAA211029-2) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IP (Immunoprecipitation)

Detection of human INPPL2/SHIP2 by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-INPPL2/SHIP2 antibody AAA211029 (lot AAA211029-2) used for IP at 6 ug per reaction. INPPL2/SHIP2 was also immunoprecipitated by a previous lot of this antibody (AAA211029-1) and rabbit anti-INPPL2/SHIP2 antibody BL2376. For blotting immunoprecipitated INPPL2/SHIP2, AAA211029 was used at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.



IHC (Immunohistochemistry)

Detection of human expndtw-6 INPPL1/SHIP2 by immunohistochemistry. Sample: FFPE serial sections of human colon carcinoma. Antibody: Affinity purified rabbit anti-expndtw-6 INPPL1/SHIP2 Cat. No. AAA211029 Lot 1 (left) and Lot 2 (right) used at a dilution of 1:1,000 (1ug/ml). Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-INPPL1/SHIP2 antibody	INPPL1 (Inositol Polyphosphate Phosphatase-Like Protein 1) is a phosphatidylinositol phosphatase that negatively regulates phosphoinositide 3-kinase (PI3K) pathways related to numerous cell activities. INPPL1 plays a role in PI3K-dependent insulin, macrophage colony-stimulating factor, and EGF signaling. INPPL1 is also involved in actin cytoskeletal remodeling, actin dynamics, and neuritogenesis. INPPL1 interacts with SHC1 (src-homology domain) to mediate EGFR signaling.
Product Categories/Family for anti-INPPL1/SHIP2 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	222136583
NCBI GeneID	3636
NCBI Accession #	NP_001558.3
NCBI GenBank Nucleotide #	NM_001567.3
UniProt Accession #	O15357; Q13577; Q13578; B2RTX5
Molecular Weight	113,176 Da
NCBI Official Full Name	phosphatidylinositol 3,4,5-trisphosphate 5-phosphatase 2
NCBI Official Synonym Full Names	inositol polyphosphate phosphatase like 1
NCBI Official Symbol	INPPL1
NCBI Official Synonym Symbols	OPSMD; SHIP2
NCBI Protein Information	phosphatidylinositol 3,4,5-trisphosphate 5-phosphatase 2
UniProt Protein Name	Phosphatidylinositol 3,4,5-trisphosphate 5-phosphatase 2
UniProt Gene Name	INPPL1
UniProt Synonym Gene Names	SHIP2; INPPL-1; SH2 domain-containing inositol phosphatase 2; SHIP-2
UniProt Entry Name	SHIP2_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/inppl1-ship2-antibody-immunohistochemistry-immunoprecipitation-western-blot-elisa/211029>