

anti-Human, Rat SHIP2 Antibody | anti-SHIP2 antibody

SHIP2, Affinity Purified Antibody, Rabbit

CATALOG # AAA76493	REACTIVITY Human, Rat	APPLICATIONS Immunoprecipitation, Flow Cytometry, Functional Assay, Western Blot, Immunofluorescence
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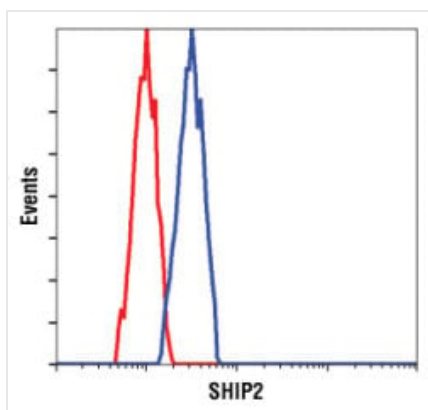
PRODUCT SYNONYMS

SHIP2; Affinity Purified Antibody; Rabbit; anti-SHIP2 antibody

PRODUCT SPECIFICATIONS

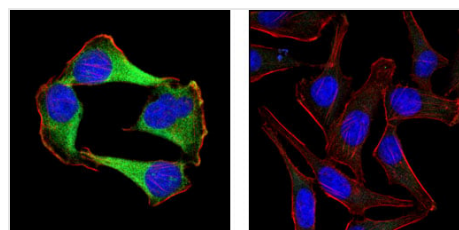
Reactivity	Human, Rat
Form/Format	Affinity Purified - Liquid
Sequence Length	1264
Applicable Applications for anti-SHIP2 antibody	IP (Immunoprecipitation), FCM/FACS (Flow Cytometry), WB (Western Blot), IF (Immunofluorescence)
Type Info	Rabbit IgG
Immunogen	Synthetic peptide (KLH-coupled) corresponding to residues surrounding Ala1083 of human SHIP2

IMAGES



Application Data

Image: Western blot analysis of total cell lysates from SKMEL5 and HeLa cells, using SHIP2 Antibody.



Application Data

Image: Confocal immunofluorescent analysis of HeLa cells labeled with SHIP2 Antibody (left, green) compared to a nonspecific negative control antibody (right). Actin filaments have been labeled with Alexa Fluor; 555 phalloidin (red). Blue pseudocolor = DRAQ5 (fluorescent DNA dye).

ADDITIONAL INFORMATION

Related Product Information for anti-SHIP2 antibody	SHIP1 (SH2-containing inositol phosphatase) is a member of the inositol polyphosphate-5- phosphatase (INPP5) family and contains an N-terminal SH2 domain, an inositol phosphatase domain, and two C-terminal protein interaction domains. SHIP2, a homolog of SHIP1, is highly expressed in heart, skeletal muscle and placenta. SHIP2 negatively regulates insulin signaling and polymorphisms in SHIP2 have been linked to hyperglycemia. Recent studies also suggest SHIP2 as a therapeutic target for the treatment of both obesity and type 2 diabetes.
	Over expression of SHP-2 leads to Juvenile Myelo-monocytic Leukemia and Noonan syndrome.
Product Categories/Family for anti-SHIP2 antibody	SHIP2

NCBI AND UNIPROT INFORMATION

NCBI GI #	295646227
NCBI GeneID	100462718
Molecular Weight	138,867 Da
NCBI Official Full Name	SH2 domain-containing inositol-5'-phosphatase 2
NCBI Official Symbol	INPPL1
NCBI Official Synonym Symbols	SHIP2
NCBI Protein Information	phosphatidylinositol 3,4,5-trisphosphate 5-phosphatase 2
UniProt Protein Name	SH2 domain-containing inositol-5'-phosphatase 2
UniProt Gene Name	SHIP2
UniProt Entry Name	D7PF45_PIG

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-rat-antibody/ship2/76493>