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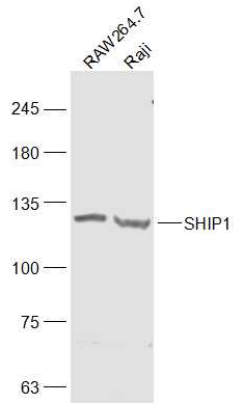
SHIP1 Rabbit pAb

Catalog Number:	bs-3567R
Target Protein:	SHIP1
Concentration:	1mg/ml
Form:	Liquid
Host:	Rabbit
Clonality:	Polyclonal
Isotype:	IgG
Applications:	WB (1:500-2000)
Reactivity:	Human, Mouse (predicted:Rat, Pig, Cow, Horse)
Predicted MW:	133 kDa
Subcellular Locations:	Cell membrane ,Cytoplasm
Entrez Gene:	3635
Swiss Prot:	Q92835
Source:	KLH conjugated synthetic peptide derived from human SHIP1: 701-800/1189.
Purification:	affinity purified by Protein A
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Background:	SHIP1 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. Expression of this protein is restricted to hematopoietic cells where its movement from the cytosol to the plasma membrane is mediated by tyrosine phosphorylation in response to multiple cytokine and B and T cell receptor activation. 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.

VALIDATION IMAGES



Sample: RAW264.7(Mouse) Cell Lysate at 30 ug Raji(Human) Cell Lysate at 30 ug Primary: Anti-SHIP1 (bs-3567R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 133 kD Observed band size: 133 kD

PRODUCT SPECIFIC PUBLICATIONS

[IF=6.376] Wang, Wenxin. et al. Preparation of a miR-155-activating nucleic acid nanoflower to study the molecular mechanism of miR-155 in inflammation. MOL MED. 2022 Dec;28(1):1-17 WB ; Human . 35715753

[IF=4.784] Wan B et al. Porcine FcγRIIb mediated PRRSV ADE infection through inhibiting IFN-β by cytoplasmic inhibitory signal transduction. Int J Biol Macromol. 2019 Jul 5;138:198-206. WB ; Monkey . 31284005