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Phospho-SHIP1-Y1020 Rabbit pAb

货号: AYP20372

产品信息

反应	Human
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB
推荐浓度	**WB:** 1:500 - 1:1000
理论分子量	109kDa/133kDa
实测分子量	145KDa
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thiomersal,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	Raji
细胞定位	Cytoplasm,Membrane,Peripheral membrane protein
纯化	Affinity purification

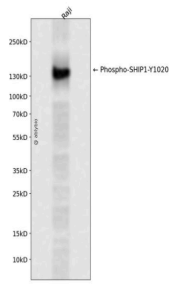
抗原信息

抗原信息	A synthetic phosphorylated peptide around Y1020 of human SHIP1 (NP_001017915.1).

靶点信息

研究背景	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.
基因ID	3635
基因名	INPP5D
Swiss	Q92835 (https://www.uniprot.org/uniprotkb/Q92835/entry)
别名	INPP5D,SHIP,SHIP-1,SHIP1,SIP-145,hp51CN,p150Ship,Phospho-SHIP1-Y1020 Rabbit pAb,Inositol polyphosphate-5-phosphatase D,Inositol polyphosphate-5-phosphatase of 145 kDa,Phosphatidylinositol 4,5-bisphosphate 5-phosphatase,SH2 domain-containing inositol 5'-phosphatase 1

产品验证



Western blot analysis of Phospho-SHIP1-Y1020 expressed in Raji using Phospho-SHIP1-Y1020 Rabbit pAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

实验步骤

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