



SHIP2 (phospho-Tyr1135) rabbit pAb

Catalog No BYab-14614 Isotype IgG Reactivity Human;Rat;Mouse; Applications WB;IF;ELISA;IHC Gene Name INPPL1 SHIP2 Protein Name SHIP2 (Tyr1135) Immunogen Synthesized phosho peptide around human SHIP2 (Tyr1135) Specificity This antibody detects endogenous levels of Human SHIP2 (phospho-Tyr1135) Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. Source Polyclonal, Rabbit, IgG Purification The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen. Dilution WB 1:500-2000; IF/ICC 1:50-200; ELISA 1:2000-2000; IHC-p 1:50-200 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms Phosphatidylinositol 3,4,5-trisphosphate 5-phosphatase 2 (EC 3.1.3.86) (Inositol polyphosphatase phosphatase-like protein 1) (INPPL-1) (Protein 51C) (SH2 domain-containing inositol 5'-phosphatase 2) (SHIP-2) Observed Band 130kD Cell Pathway Cytoplasm, cytosol , Cytoplasm, cytoskeleton, Membrane ; Peripheral membrane protein, Cell projection, flippoditum, Cell projection, lamellipodium, Nucleus specifically stimulates its SH		
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Nanjing BYabscience technology Co.,Ltd

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国内优质抗体供应商 精准的 WB 检测服务 24H 在线服务,欢迎咨询



but not in peripheral blood monocytes.

Function

catalytic activity:Phosphatidylinositol 3,4,5-trisphosphate + H(2)O = phosphatidylinositol 3,4-bisphosphate + phosphate.,disease:Defects in INPPL1 may be a cause of susceptibility to type 2 diabetes mellitus non-insulin dependent (NIDDM) [MIM:125853].,disease:Genetic variations in INPPL1 may be a cause of susceptibility to metabolic syndrome. Metabolic syndrome is characterized by diabetes, insulin resistance, hypertension, and hypertriglyceridemia is absent, observed the NID and the state of the NID and the state o

absent.,domain: The NPXY sequence motif found in many tyrosine-phosphorylated proteins is required for the specific binding of the PID domain.,domain: The SH2 domain interacts with tyrosine phosphorylated forms of proteins such as SHC1 or FCGR2A. It also mediates the interaction with p130Cas/BCAR1.,enzyme regulation: Activated upon translocation to the sites of synthesis of PtdIns(3,4,5)P3 in the membrane. Enzymatic activity is enhanced in

the

Background

The protein encoded by this gene is an SH2-containing 5'-inositol phosphatase that is involved in the regulation of insulin function. The encoded protein also plays a role in the regulation of epidermal growth factor receptor turnover and actin remodelling. Additionally, this gene supports metastatic growth in breast cancer and is a valuable biomarker for breast cancer. [provided by RefSeq, Jan 2009],

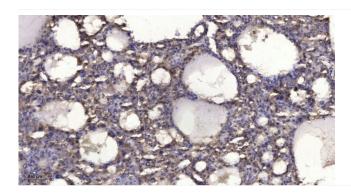
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Immunohistochemical analysis of paraffin-embedded human liver cancer. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).

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