

Phospho-SHIP2 (Tyr986/987) Rabbit Polyclonal Antibody

Catalog #: EAB10861

Host/Isotype	Clonality	Applications	MW (kDa)	Reactivity
Rabbit IgG	Polyclonal	WB, IHC-P, ELISA	139	Human, Mouse, Rat

Applications Dilutions

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

WB (Western Blotting)	1:500-2000
IHC-P (Immunohistochemistry-Paraffin)	1:50-300
ELISA (Enzyme-linked Immunosorbent Assay)	1:5000-20000

Product Information

Conjugate	Unconjugate
Specificity	Phospho-SHIP2 (Tyr986/987) Rabbit Polyclonal Antibody detects endogenous levels of SHIP2 when phosphorylated at Tyr986/987.
Purification	Affinity purification
Concentration	1mg/ml
Format	Liquid
Formulation	In PBS, pH 7.4, Containing 0.02% sodium azide, 0.5% BSA and 50% Glycerol
Shipping	Gel Pack
Storage	Store at -20°C least 1 year from the date of shipment. Avoid repeated freeze/thaw cycles. Aliquots may be stored at +4°C for 1-2 weeks
UniProt ID	Q15357
Entrez-Gene Id	3636

Product Description

SHIP-2, a homolog of SHIP, is expressed in both hemopoietic and non-hemopoietic cells. In addition to T and B cells, spleen, thymus and lung are shown to coexpress SHIP and SHIP-2. SHIP is also expressed in fibroblasts, heart, skeletal muscle and different brain areas and its expression is enhanced in TSH and EGF-stimulated cells. Like SHIP, SHIP-2 is tyrosine-phosphorylated and associates with Shc after ligation of the B-cell receptor to FcγRII. SHIP-2 causes cell cycle arrest in G1 phase in glioblastoma cells and plays a negative role in regulating the PI 3-kinase-PI 3-kinase B pathway. Both SHIP and SHIP-2 mediate FcγRIIB signaling, including inhibition of proliferation.

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