

SLAP Rabbit pAb

SLAP Rabbit pAb
Catalog # AP55236

Product Information

Application	WB
Primary Accession	Q13239
Reactivity	Mouse
Predicted	Rat, Pig, Human, Rabbit, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	31156
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human SLAP
Epitope Specificity	21-120/276
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Cytoplasm. Endosome. Colocalizes with endosomes.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	The Src homology 3 (SH3) region is a small protein domain of approximately 60 amino acids present in a large group of proteins. In general, it exists in association with catalytic domains, as in the nonreceptor protein-tyrosine kinases and phospholipase C-? within structural proteins, such as spectrin or Myosin; and in small adapter proteins, such as Crk and GRB2. SH3 domains are often accompanied by SH2 domains of 100 amino acids, which bind to tyrosine-phosphorylated regions of target proteins, frequently linking activated growth factors to putative signal transduction proteins. The functions of SH3 domains are not as well defined. Deletion or mutation of SH3 domains generally activate the transforming potential of nonreceptor tyrosine kinases, suggesting that SH3 mediates negative regulation of an intrinsic transforming activity. 3BP1 has been identified as a protein with a high affinity proline-rich binding site for the SH3 domain of c-Abl p120. A similar putative adapter protein, designated Slap, for Src-like adapter protein, has been cloned. Slap contains a single SH2 and SH3 domain that exhibits homology with those from members of the Src kinase family. The N- and C-termini, however, are unique.

Additional Information

Gene ID	6503
Other Names	Src-like-adapter, Src-like-adapter protein 1, SLAP-1, hSLAP, SLA, SLAP, SLAP1
Dilution	WB=1:500-2000

Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
----------------	---

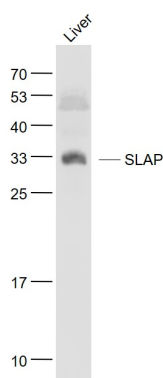
Protein Information

Name	SLA
Synonyms	SLAP, SLAP1
Function	Adapter protein, which negatively regulates T-cell receptor (TCR) signaling. Inhibits T-cell antigen-receptor induced activation of nuclear factor of activated T-cells. Involved in the negative regulation of positive selection and mitosis of T-cells. May act by linking signaling proteins such as ZAP70 with CBL, leading to a CBL dependent degradation of signaling proteins.
Cellular Location	Cytoplasm. Endosome. Note=Colocalizes with endosomes.
Tissue Location	Expressed in lung and fetal brain. Weakly expressed in heart, adult brain, placenta, liver, skeletal muscle, kidney and pancreas.

Background

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Images



Sample:
Liver(Mouse) Lysate at 40 ug
Primary: Anti- SLAP (AP55236) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 31 kD
Observed band size: 33 kD

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.