

SLAP1 Polyclonal Antibody

Cat No: HR1AP11425

For research use only

Overview

Product Name	SLAP1 Polyclonal Antibody
Source	Rabbit
Applications	WB,ELISA
Species Reactivity	Human,Rat,Mouse
Recommended Dilutions	
Immunogen	
Species	Rabbit
Storage	-20°C/1 year
Isotype	
Clonality	
Concentration	1 mg/ml
Observed band	30kDa
GeneID?Human?	SLA SLAP SLAP1
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	
Background	<p>domain:The C-terminal domain is essential for the homodimerization and the interaction with CBL. While the interaction with CBL is apparently mediated via the hydrophobic region of this domain, the highly charged region is apparently required for the homodimerization.,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.,induction:By all-trans retinoic acid (ATRA). Induction is indirect and is mediated through other proteins.,PTM:Phosphorylated.,similarity:Contains 1 SH2 domain.,similarity:Contains 1 SH3 domain.,subcellular location:Colocalizes with endosomes.,subunit:Interacts with EPHA2, VAV1, LCP2 and PDGFRB (By similarity). Homodimer. Homodimerization and interaction with phosphorylated CBL occurs via its C-terminal domain. Interacts with phosphorylated proteins ZAP70, CD3Z, SYK and LAT via its SH2 domain.,tissue specificity:Expressed in lung and fetal brain. Weakly expressed in heart, adult brain, placenta, liver, skeletal muscle, kidney and pancreas.,</p>