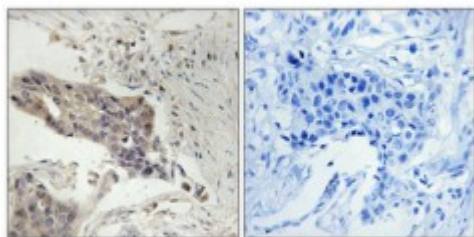


Anti-SLP-76 antibody



Description	Rabbit polyclonal to SLP-76.
Model	STJ95686
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	ELISA, IHC, WB
Immunogen	Synthesized peptide derived from human SLP-76 around the non-phosphorylation site of Y128.
Immunogen Region	70-150 aa
Gene ID	3937
Gene Symbol	LCP2
Dilution range	WB 1:500-1:2000IHC 1:100-1:300ELISA 1:10000
Specificity	SLP-76 Polyclonal Antibody detects endogenous levels of SLP-76 protein.
Tissue Specificity	Highly expressed in spleen, thymus and peripheral blood leukocytes. Highly expressed also in T-cell and monocytic cell lines, expressed at lower level in B-cell lines. Not detected in fibroblast or neuroblastoma cell lines.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Lymphocyte cytosolic protein 2 SH2 domain-containing leukocyte protein of 76 kDa SLP-76 tyrosine phosphoprotein SLP76

Molecular Weight	75 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:6529OMIM:601603
Alternative Names	Lymphocyte cytosolic protein 2 SH2 domain-containing leukocyte protein of 76 kDa SLP-76 tyrosine phosphoprotein SLP76
Function	Involved in T-cell antigen receptor mediated signaling.
Sequence and Domain Family	The SH2 domain mediates interaction with phosphorylated CD6 . The SH2 domain mediates interaction with SHB .
Cellular Localization	Cytoplasm
Post-translational Modifications	Phosphorylated after T-cell receptor activation by ZAP70, ITK and TXK, which leads to the up-regulation of Th1 preferred cytokine IL-2. SYK-dependent phosphorylation is required for recruitment of PI3K signaling components.