

Lck BP-1 (phospho Tyr397) rabbit pAb antibody

Catalog No :	Source:	Concentration :	Mol.Wt. (Da):
A16968	Rabbit	1 mg/ml	53998
Applications	WB,ELISA		
Reactivity	Human		
Dilution	WB: 1:500 - 1:2000. ELISA: 1:10000. Not yet tested in other applications.		
Storage	-20°C/1 year		
Specificity	Phospho-Lck BP-1 (Y397) Polyclonal Antibody detects endogenous levels of Lck BP-1 protein only when phosphorylated at Y397.		
Source / Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.		
Immunogen	The antiserum was produced against synthesized peptide derived from human HS1 around the phosphorylation site of Tyr397. AA range:366-415		
Uniprot No	P14317		
Alternative names	HCLS1; HS1; Hematopoietic lineage cell-specific protein; Hematopoietic cell-specific LYN substrate 1; LckBP1; p75		
Form	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.		
Clonality	Polyclonal		
Isotype	IgG		
Conjugation			
Background	developmental stage:Expressed in early stage of myeloid and erythroid differentiation.,function:Substrate of the antigen receptor-coupled tyrosine kinase. Plays a role in antigen receptor signaling for both clonal expansion and deletion in lymphoid cells. May also be involved in the regulation of gene expression.,PTM:Phosphorylated by LYN; rapidly after cross-linking of surface IgM on B-cells.,similarity:Contains 1 SH3 domain.,similarity:Contains 4 cortactin repeats.,subunit:Associates with the SH2 and SH3 domains of LCK. Binding to the LCK SH3 domain occurs constitutively, while binding to the LCK SH2 domain occurs only upon TCR stimulation. A similar binding pattern was observed with LYN, but not with FYN in which the FYN SH2 region associates upon TCR stimulation but the FYN SH3 region does not associate regardless of TCR stimulation. Directly associates with HAX1, through binding to its C-terminal region. Interacts with HS1BP3.,tissue specificity:Expressed only in tissues and cells of hematopoietic origin.,		
Other	HCLS1, Hematopoietic lineage cell-specific protein		

Product Images:**Application Key:**

WB-Western IP-Immunoprecipitation IHC-Immunohistochemistry ChIP-Chromatin Immunoprecipitation

IF-Immunofluorescence F-Flow Cytometry E-P-ELISA-Peptide

Species Cross-Reactivity Key:

H-Human M-Mouse R-Rat Hm-Hamster Mk-Monkey Vir-Virus Mi-Mink C-Chicken Dm-D. melanogaster

X-Xenopus Z-Zebrafish B-Bovine Dg-Dog Pg-Pig Sc-S. cerevisiae Ce-C. elegans Hr-Horse All-All

Species Expected

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