

Lck BP-1 (phospho Tyr378) rabbit pAb

Cat No.:ES5722

For research use only

Overview

Product Name Lck BP-1 (phospho Tyr378) rabbit pAb

Host species Rabbit

Applications WB;ELISA;IHC

Species Cross-Reactivity Human;Rat;Mouse;

Recommended dilutions WB 1:500-2000;IHC-p 1:50-300; ELISA 2000-20000

Immunogen Synthesized phospho-peptide around the

phosphorylation site of human Lck BP-1 (phospho

Tyr378)

Specificity Phospho-Lck BP-1 (Y378) Polyclonal Antibody

detects endogenous levels of Lck BP-1 protein only

when phosphorylated at Y378.

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and

0.02% sodium azide.

Storage Store at -20°C. Avoid repeated freeze-thaw cycles.

Protein Name Hematopoietic lineage cell-specific protein

Gene Name HCLS1

Cellular localization Membrane ; Peripheral membrane protein .

Cytoplasm . Mitochondrion .

Purification The antibody was affinity-purified from rabbit

antiserum by affinity-chromatography using

epitope-specific immunogen.

Clonality Polyclonal
Concentration 1 mg/ml
Observed band 78kD
Human Gene ID 3059
Human Swiss-Prot Number P14317

Alternative Names HCLS1; HS1; Hematopoietic lineage cell-specific

protein; Hematopoietic cell-specific LYN substrate 1;

LckBP1; p75

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

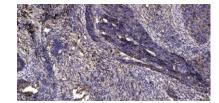


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antigen receptor signaling for both clonal expansion and deletion in lymphoid cells. May also be involved in the regulation of gene expression.,PTM:Phosphorylated by LYN; rapidly after cross-linking of surface IgM on B-cells., similarity: Contains 1 SH3 domain., similarity: Contains 4 cortactin repeats., subunit: Associates with the SH2 and SH3 domains of LCK. Binding to he 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.,

Immunohistochemical analysis of paraffin-embedded human Squamous cell carcinoma of lung. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).



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