BT LAB
Bioassay Technology Laboratory
Optimize Your Research

Lck BP-1(Phospho Tyr397) Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP10864
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human HS1 around the phosphorylation site of Tyr397. AA range:366-415
Mol wt	53998
Species reactivity	Human, Rat, Mouse
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	Hematopoietic lineage cell-specific protein
Synonyms	Hematopoietic lineage cell-specific protein; HCLS1; HS1; Hematopoietic lineage cell-specific protein; Hematopoietic cell-specific LYN substrate 1; LckBP1; p75

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

developmental stage:Expressed in early stage of myeloid and erythroid differentiation.,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.,Contains 1 SH3 domain.,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.,

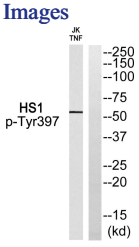
Recommended Dilution

WB: 1: 500 - 1: 2000

ELISA: 1: 10000

Not yet tested in other applications.

Images



Western blot analysis of HS1 (Phospho-Tyr397) Antibody. The lane on the right is blocked with the HS1 (Phospho-Tyr397) peptide.

Storage

-20°C for 1 year

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