

LAT Polyclonal Antibody

Description

Product type Primary Antibody

Code BT-AP04959

Host Rabbit

Isotype IgG

Size 20ul, 50ul, 100ul

Immunogen The antiserum was produced against synthesized peptide derived from human LAT. AA range:191-240

Mol wt 27930

Species reactivity Human, Mouse, Rat

Clonality Polyclonal

Recommended application WB, ELISA

Concentration 1 mg/ml

Full name LAT Antibody

Synonyms LAT; Linker for activation of T-cells family member 1; 36 kDa phospho-tyrosine adapter protein; pp36;

p36-38

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

Background

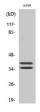
Linker for activation of T-cells family member 1 encoded by LAT is phosphorylated by ZAP-70/Syk protein tyrosine kinases following activation of the T-cell antigen receptor (TCR) signal transduction pathway. This transmembrane protein localizes to lipid rafts and acts as a docking site for SH2 domain-containing proteins. Upon phosphorylation, this protein recruits multiple adaptor proteins and downstream signaling molecules into multimolecular signaling complexes located near the site of TCR engagement. Alternative splicing results in multiple transcript variants encoding different isoforms.

Recommended Dilution

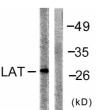
WB: 1: 500 - 1: 2000 ELISA: 1: 5000

Not yet tested in other applications.

Images



Western Blot analysis of various cells using LAT Polyclonal Antibody diluted at 1:500



Western blot analysis of lysates from NIH/3T3 cells, using LAT Antibody. The lane on the right is blocked with the synthesized peptide.

Storage

-20°C for one year

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