

## LAT (phospho Tyr200) Polyclonal Antibody

Catalog No: #13752

Package Size: #13752-1 50ul #13752-2 100ul

## Description

|                       |                                                                                                                                           |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name          | LAT (phospho Tyr200) Polyclonal Antibody                                                                                                  |
| Host Species          | Rabbit                                                                                                                                    |
| Clonality             | Polyclonal                                                                                                                                |
| Purification          | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.                     |
| Applications          | WB,ELISA                                                                                                                                  |
| Species Reactivity    | Human,Mouse,Rat                                                                                                                           |
| Specificity           | Phospho-LAT (Y200) Polyclonal Antibody detects endogenous levels of LAT protein only when phosphorylated at Y200.                         |
| Immunogen Description | The antiserum was produced against synthesized peptide derived from human LAT around the phosphorylation site of Tyr171. AA range:171-220 |
| Conjugates            | Unconjugated                                                                                                                              |
| Other Names           | LAT; Linker for activation of T-cells family member 1; 36 kDa phospho-tyrosine adapter protein; pp36; p36-38                              |
| Accession No.         | Swiss Prot:O43561GeneID:27040                                                                                                             |
| SDS-PAGE MW           | 34                                                                                                                                        |
| Concentration         | 1 mg/ml                                                                                                                                   |
| Formulation           | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.                                                                   |
| Storage               | -20°C/1                                                                                                                                   |

## Application Details

Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.

## Background

linker for activation of T-cells(LAT) Homo sapiens The protein encoded by this gene 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. [provided by RefSeq, Jul 2008],

Note: This product is for in vitro research use only and is not intended for use in humans or animals.