

Product datasheet for TA302672

LAT Goat Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: WB

Recommended Dilution: ELISA: 1:2,000. WB: 1-3µg/ml.

Reactivity: Human, Mouse, Rat

Host: Goat Isotype: IgG

Clonality: Polyclonal

Immunogen: Peptide with sequence C-GAPDYENLQELN, from the C Terminus of the protein sequence

according to NP_055202.1; NP_001014987.1; NP_001014989.1; NP_001014988.1.

Formulation: Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum

albumin.

Concentration: lot specific

Purification: Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity

chromatography using the immunizing peptide. Supplied at 0.5 mg/ml in Tris saline, 0.02%

sodium azide, pH7.3 with 0.5% bovine serum albumin.

Conjugation: Unconjugated

Storage: Store at -20°C as received.

Stability: Stable for 12 months from date of receipt.

Predicted Protein Size: 27.7 kDa

Gene Name: linker for activation of T-cells

Database Link: NP 055202

Entrez Gene 16797 MouseEntrez Gene 81511 RatEntrez Gene 27040 Human

<u>043561</u>



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Background: 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]

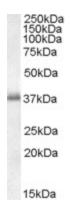
Synonyms: LAT1; pp36

Protein Families: Druggable Genome, Transmembrane

Protein Pathways: Fc epsilon RI signaling pathway, Fc gamma R-mediated phagocytosis, Natural killer cell

mediated cytotoxicity, T cell receptor signaling pathway

Product images:



TA302672 (0.01ug/ml) staining of peripheral blood mononucleocytes lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.