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EB06418-T - Goat Anti-LAT1 Antibody - Trial

Size: 20µg specific antibody in 40µl

Target Protein

Principal Names: LAT1, LAT, linker for activation of T cells, pp36, 36 kDa phospho-tyrosine adaptor protein, linker for activation of T-cells family member 1
Official Symbol: LAT
Accession Number(s): NP_055202.1; NP_001014987.1; NP_001014989.1; NP_001014988.1
Human GeneID(s): 27040
Important Comments: This antibody is expected to recognize isoform a (NP_055202.1), isoform b (NP_001014987.1 and NP_001014989.1) and isoform c (NP_001014988.1).

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.

Please note the peptide is available for sale.

Purification and Storage

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.
Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:2000.
Western blot: Approx 37kDa band observed in Human Peripheral Blood Mononucleocytes lysates (calculated MW of 27.9kDa according to NP_055202.1). The observed molecular weight corresponds to earlier findings with different antibodies from other commercial sources. Recommended concentration: 0.01-0.03µg/ml.

Species Reactivity

Tested: Human
Expected from sequence similarity: Human, Mouse, Rat

EB06418 (0.01µg/ml) staining of Peripheral Blood Mononucleocytes lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.