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anti-LAT antibody (C-Term)



Image



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Overview

Quantity:	100 μg
Target:	LAT
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This LAT antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	LAT1
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.
Sequence:	GAPDYENLQE LN
Isotype:	IgG
Specificity:	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).
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Product Details Verified Grade: **Target Details** Target: LAT Alternative Name LAT (LAT Products) Background: LAT1, LAT, linker for activation of T cells, pp36, 36 kDa phospho-tyrosine adaptor protein, linker for activation of T-cells family member 1 Gene ID: 27040 NCBI Accession: NP_055202, NP_001014987, NP_001014989, NP_001014988 Pathways: TCR Signaling, Fc-epsilon Receptor Signaling Pathway **Application Details Application Notes:** Western Blot: Approx 37 kDa band observed in Human Peripheral Blood Mononucleocytes lysates (calculated MW of 27.9 kDa according to NP_055202.1). This molecular weight is routinely observed by other sources. Recommended concentration: 0.01-0.03 µg/mL. Peptide ELISA: antibody detection limit dilution 1:2000. Restrictions: For Research Use only Handling Format: Liquid Concentration: 0.5 mg/mL Buffer: Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin. Sodium azide Preservative: Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. Handling Advice: Minimize freezing and thawing. -20 °C Storage: Storage Comment: Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated

at 4°C for a few weeks and still remain viable.

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa

Western Blotting

Image 1. ABIN185255 (0.01μg/ml) staining of Peripheral Blood Mononucleocytes lysate (35μg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.