

Goat anti-LAT1 Antibody

Item Number	dAP-0452
Target Molecule	Principle Name: LAT1; Official Symbol: LAT; All Names and Symbols: LAT1; LAT; linker for activation of T cells; pp36; 36 kDa phospho-tyrosine adaptor protein; linker for activation of T-cells family member 1; Accession Number (s): NP_055202.1; NP_001014987.1; NP_001014989.1; NP_001014988.1; Human Gene ID(s): 27040; Non-Human GeneID(s):
Immunogen	GAPDYENLQELN, is from C Terminus 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).
Applications	Pep ELISA, WB Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 2000.
Western Blot	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
IHC	
Reference	Reference(s): Finco TS, Kadlecsek T, Zhang W, Samelson LE, Weiss A. LAT is required for TCR-mediated activation of PLCgamma1 and the Ras pathway. Immunity. 1998 Nov;9(5):617-26. .PMID: 9846483 ->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**