

Rabbit anti-Human LAT Polyclonal Antibody | anti-LAT antibody

Rabbit anti-LAT Antibody, Affinity Purified

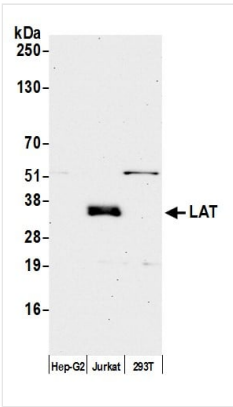
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA213483	Rabbit	Human	Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

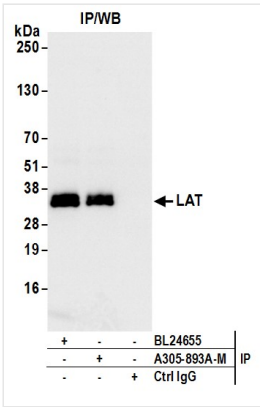
LAT; Polyclonal Antibody; Rabbit anti-LAT Antibody; Affinity Purified; linker for activation of T-cells family member 1; 36 kDa phospho-tyrosine adaptor protein; pp36; p36-38; 36 kDa phospho-tyrosine adapter protein; IMD52; LAT1; linker for activation of T cells; transmembrane adaptor; Linker for activation of T-cells family member 1; anti-LAT antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-LAT antibody	IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Mouse, Rat
Immunogen	Between 212 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt



WB (Western Blot)
Detection of human LAT by western blot. Samples: Whole cell lysate (10 ug) from Hep-G2, Jurkat, and HEK293T cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-LAT antibody (AAA213483 lot 1) used for WB at 0.04 mg/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IP (Immunoprecipitation)
Detection of human LAT by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from Jurkat cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-LAT antibody (AAA213483 lot 1) used for IP at 1 ug per reaction. LAT was also immunoprecipitated by rabbit anti-LAT antibody BL24655. For blotting immunoprecipitated LAT, AAA213483 was used at 0.04 mg/ml. Detection: Chemiluminescence with an exposure time of 1 second.

ADDITIONAL INFORMATION

Related Product Information for anti-LAT antibody	LAT is required for TCR (T-cell antigen receptor)- and pre-TCR-mediated signaling, both in mature T-cells and during their development. Involved in FCGR3 (low affinity immunoglobulin gamma Fc region receptor III)-mediated signaling in natural killer cells and FCER1 (high affinity immunoglobulin epsilon receptor)-mediated signaling in mast cells. Couples activation of these receptors and their associated kinases with distal intracellular events such as mobilization of intracellular calcium stores, PKC activation, MAPK activation or cytoskeletal reorganization through the recruitment of PLCG1, GRB2, GRAP2, and other signaling molecules. [taken from the Universal Protein Resource (UniProt) www.uniprot.org/uniprot/O43561].
Product Categories/Family for anti-LAT antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	7657293
NCBI GeneID	27040
NCBI Accession #	NP_055202.1
NCBI GenBank Nucleotide #	NM_014387.3
UniProt Accession #	O43561; O43919; B7WPI0; C7C5T6; G5E9K3
Molecular Weight	27,774 Da
NCBI Official Full Name	linker for activation of T-cells family member 1 isoform a
NCBI Official Synonym Full Names	linker for activation of T cells
NCBI Official Symbol	LAT
NCBI Official Synonym Symbols	LAT1; pp36
NCBI Protein Information	linker for activation of T-cells family member 1; p36-38; 36 kDa phospho-tyrosine adapter protein; 36 kDa phospho-tyrosine adaptor protein; linker for activation of T cells, transmembrane adaptor
UniProt Protein Name	Linker for activation of T-cells family member 1
UniProt Gene Name	LAT

UniProt Synonym Gene Names	pp36
UniProt Entry Name	LAT_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/lat-antibody-immunoprecipitation-western-blot-elisa/213483>