

LAT Antibody | anti-LAT antibody

LAT (Phospho-Tyr191) Antibody

CATALOG # AAA267434	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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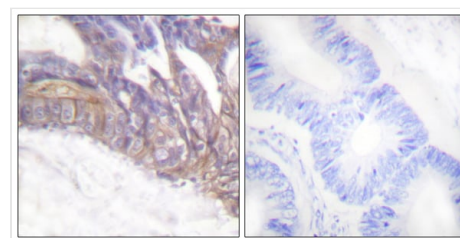
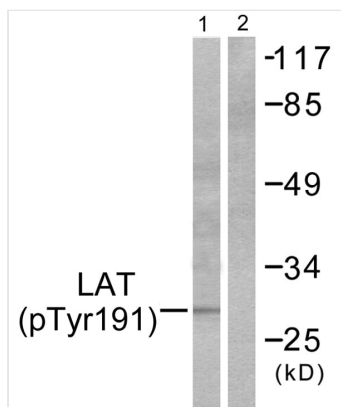
PRODUCT SYNONYMS

LAT; LAT (Phospho-Tyr191) Antibody; 36 kDa phospho-tyrosine adaptor protein; Linker for activation of T cells; p36-38; pp36; anti-LAT antibody

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse, Rat
Specificity	LAT (Phospho-Tyr191) antibody detects endogenous levels of LAT only when phosphorylated at tyrosine 191.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	233
Applicable Applications for anti-LAT antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human LAT around the phosphorylation site of tyrosine 191 (R-E-YP-V-N).
All Sites	Human: Tyr191 Mouse: Tyr195 Rat: Tyr195
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



Application Data
P-peptide-+

IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human colon carcinoma tissue using LAT (Phospho-Tyr191) antibody. Western blot analysis of extracts from NIH/3T3 cells, using LAT (Phospho-Tyr191) antibody.

ADDITIONAL INFORMATION

References	M Nicosia, J. Virol., Dec 1993; 67: 7276-7283. Marta Pineda, J. Biol. Chem., Jul 1999; 274: 19738. Shin-ichiroh Saitoh, J. Exp. Med., Sep 2003; 198: 831. DA Garber, J. Virol., Aug 1997; 71: 5885-5893.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	62739155
NCBI GeneID	27040
NCBI Accession #	NP_001014987.1
NCBI GenBank Nucleotide #	NM_001014987.1
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 b
NCBI Official Synonym Full Names	linker for activation of T cells
NCBI Official Symbol	LAT
NCBI Official Synonym Symbols	LAT1; pp36; IMD52
NCBI Protein Information	linker for activation of T-cells family member 1
UniProt Protein Name	Linker for activation of T-cells family member 1
UniProt Gene Name	LAT
UniProt Synonym Gene Names	pp36

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/human-mouse-rat-antibody/lat/267434>