LAT (Ab-255) Antibody

Catalog No: #33313

Package Size: #33313-1 50ul #33313-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

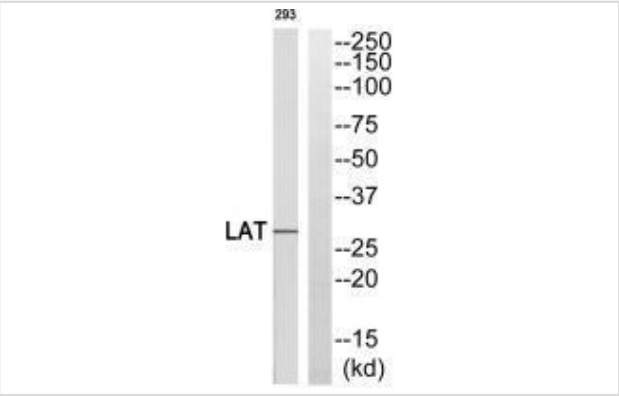
Description

Product Name	LAT (Ab-255) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB;ELISA;IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total LAT protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized non-phosphopeptide derived from human LAT around the phosphorylation site of tyrosine 255.
Target Name	LAT
Other Names	36 kDa phospho-tyrosine adapter protein; 36 kDa phospho-tyrosine adaptor protein; LAT; LAT1; linker for activation of T cells
Accession No.	Swiss-Prot: O43561NCBI Gene ID: 27040
Uniprot	O43561
GeneID	27040;
SDS-PAGE MW	27kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

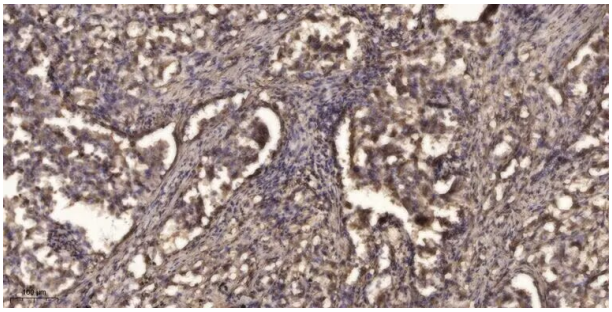
Application Details

WB 1:500-2000;IHC 1:50-300; ELISA 2000-20000

Images



Western blot analysis of extracts from 293 cells, using LAT (Ab-255) antibody #33313.



Immunohistochemical analysis of paraffin-embedded human Squamous cell carcinoma of lung.

Background

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.

Zhang W., Cell 92:83-92(1998).

Martin J., Nature 432:988-994(2004).

Note: This product is for in vitro research use only