Anti-Phospho-LAT (Tyr191) Rabbit pAb

Purified Rabbit Polyclonal Antibody

Catalog # P010140

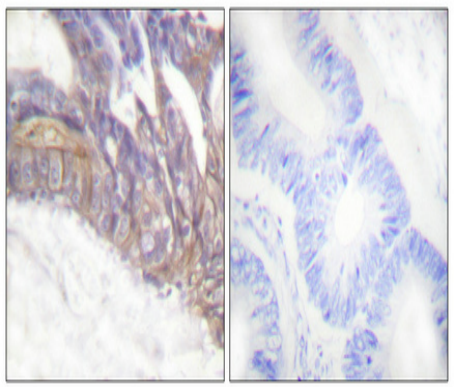
Product Information

Application	WB, IHC-P/IF (Tissue-P), ELISA
Reactivity	Human, Mouse, Rat
Dilution	WB 1:500~1:1,000; IHC-P 1:50~1:100; ELISA 1:10,000
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Label	Unconjugated
Immunogen	The antiserum was produced against synthesized peptide derived from human LAT around the phosphorylation site of Tyr191.
Format	Buffer System: Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3. Purification: Affinity Purified.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-Phospho-LAT (Tyr191) antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	LAT, Linker for activation of T-cells family member 1, 36 kDa phospho-tyrosine adapter protein, pp36, p36-38.
Calculated MW	Calculated MW: 28 kDa; Observed MW: 28 kDa
Uniprot ID	O43561
Gene ID	27040
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.

Validation Images



Immunohistochemistry analysis of paraffin-embedded Human colon cancer using Phospho-LAT (Tyr191) antibody. High-pressure and temperature Tris-EDTA pH 8.0 was used for antigen retrieval. Sample with blocking peptide on the right.