

LAT2 Antibody (internal region)
Peptide-affinity purified goat antibody
Catalog # AF3975a**Specification**

LAT2 Antibody (internal region) - Product Information

Application	WB
Primary Accession	O9GZY6
Other Accession	NP_054865.2 , 7462
Reactivity	Human
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	26550

LAT2 Antibody (internal region) - Additional Information**Gene ID** 7462**Other Names**

Linker for activation of T-cells family member 2, Linker for activation of B-cells, Membrane-associated adapter molecule, Non-T-cell activation linker, Williams-Beuren syndrome chromosomal region 15 protein, Williams-Beuren syndrome chromosomal region 5 protein, LAT2, LAB, NTAL, WBS15, WBSCR15, WBSCR5

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

LAT2 Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

LAT2 Antibody (internal region) - Protein Information**Name** LAT2**Synonyms** LAB, NTAL, WBS15, WBSCR15, WBSCR5**Function**

Involved in FCER1 (high affinity immunoglobulin epsilon receptor)-mediated signaling in mast cells. May also be involved in BCR (B-cell antigen receptor)-mediated signaling in B-cells and FCGR1 (high affinity immunoglobulin gamma Fc receptor I)-mediated signaling in myeloid cells. Couples

activation of these receptors and their associated kinases with distal intracellular events through the recruitment of GRB2.

Cellular Location

Cell membrane; Single-pass type III membrane protein Note=Present in lipid rafts

Tissue Location

Highly expressed in spleen, peripheral blood lymphocytes, and germinal centers of lymph nodes. Also expressed in placenta, lung, pancreas and small intestine. Present in B-cells, NK cells and monocytes. Absent from T-cells (at protein level)

LAT2 Antibody (internal region) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

LAT2 Antibody (internal region) - Images

AF3975a (0.01 µg/ml) staining of Human Peripheral Lymphocytes lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

LAT2 Antibody (internal region) - Background

Reported variants represent identical protein: NP_115853.2, NP_115852.1, NP_054865.2

LAT2 Antibody (internal region) - References

Homeostatic and innate immune responses: role of the transmembrane glycoprotein CD98. Nguyen HT, Merlin D. Nguyen HT, Merlin D. Nguyen HT, Merlin D. Cellular and molecular

life sciences : CMLS 2012 Sep 69 (18): 3015-26. PMID: 22460579