

## LAT2 Antibody (internal region)

Peptide-affinity purified goat antibody Catalog # AF3975a

## **Specification**

## LAT2 Antibody (internal region) - Product Information

Application WB

Primary Accession Q9GZY6

Other Accession <u>NP\_054865.2</u>, <u>7462</u>

Reactivity
Host
Clonality
Concentration

Human
Goat
Polyclonal
O.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**

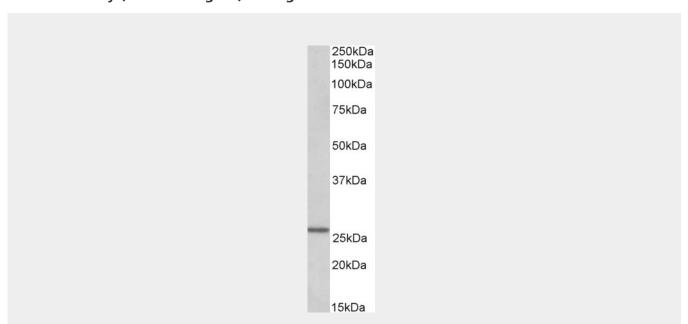
Highly expressed in spleen, peripheral blood lymphocytes, and germinal centers of lymph nodes. Also expressed in placenta, lung, pancreas and small intestine. Present in B-cells, NK cells and monocytes. Absent from T-cells (at protein level)

## 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 Cytomety
- Cell Culture

# LAT2 Antibody (internal region) - Images



AF3975a (0.01  $\mu$ g/ml) staining of Human Peripheral Lymphocytes lysate (35  $\mu$ g 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