

LAT2 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP14803c**Specification**

LAT2 Antibody (Center) Blocking Peptide - Product InformationPrimary Accession [Q9GZY6](#)**LAT2 Antibody (Center) Blocking Peptide - 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

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

LAT2 Antibody (Center) Blocking Peptide - 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 (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

LAT2 Antibody (Center) Blocking Peptide - Images

LAT2 Antibody (Center) Blocking Peptide - Background

This gene is one of the contiguous genes at 7q11.23 commonly deleted in Williams syndrome, a multisystem developmental disorder. This gene consists of at least 14 exons, and its alternative splicing generates 3 transcript variants, all encoding the same protein.

LAT2 Antibody (Center) Blocking Peptide - References

Rieke, C., et al. Cell. Signal. 22(3):395-403(2010) Luo, X., et al. J. Clin. Endocrinol. Metab. 94(11):4533-4539(2009) Saito, A., et al. J. Hum. Genet. 54(6):317-323(2009) Svojgr, K., et al. Immunol. Lett. 122(2):185-192(2009) Whittaker, G.C., et al. Blood 112(7):2869-2877(2008)