

NATL/LAB Antibody
Rabbit Polyclonal Antibody
Catalog # ABV10649**Specification**

NATL/LAB Antibody - Product Information

Application	WB
Primary Accession	Q8CGL2
Reactivity	Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	23130

NATL/LAB Antibody - Additional Information**Gene ID** 317676**Application & Usage****Western blotting (0.5-4 µg/ml). However, the optimal conditions should be determined individually. The antibody detects a 22 kDa rat NTAL/LAB. Other species have not been determined.****Other Names**

HSPC046 , LAB , LAT2 , NTAL, WBSCR15, WBSCR5 , WSCR5

Target/Specificity

NTAL/LAB

Antibody Form

Liquid

Appearance

Colorless liquid

Formulation

100 µg (0.5 mg/ml) affinity purified rabbit polyclonal antibody in phosphate buffered saline (PBS), pH 7.2, containing 30% glycerol, 0.5% BSA, 0.01% thimerosal.

Handling

The antibody solution should be gently mixed before use.

Reconstitution & Storage

-20 °C

Background Descriptions

Precautions

NATL/LAB Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

NATL/LAB Antibody - Protein Information

Name Lat2

Synonyms Lab, Ntal, 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 (By similarity).

Cellular Location

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

NATL/LAB Antibody - 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](#)

NATL/LAB Antibody - Images**NATL/LAB Antibody - Background**

Non-T cell Activation Linker (NTAL) is also known as linker for activation of B cells (LAB), is a transmembrane adaptor protein. NTAL is expressed in B cells, mast cells, monocytes and NK cells. When NTAL is tyrosine phosphorylated, it recruits signalling molecules such as Grb2, Gab2 and c-Cbl into receptor-signalling complexes. Mutation in the NTAL gene may cause Williams-Beuren syndrome, a rare genetic disorder.