

Anti-NTAL antibody



Description	Unconjugated Rabbit polyclonal to NTAL
Model	STJ190135
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	ELISA, WB
Immunogen	Synthesized peptide derived from human NTAL protein.
Immunogen Region	80-160aa
Gene ID	7462
Gene Symbol	LAT2
Dilution range	WB 1:500-2000 ELISA 1:5000-20000
Specificity	NTAL Polyclonal Antibody detects endogenous levels of protein.
Tissue Specificity	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).
Purification	NTAL antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	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

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Molecular Weight	26 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid form in PBS containing 50% glycerol, and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:12749 OMIM:605719
Alternative 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 syndro
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 Localization	Cell membrane. Present in lipid rafts.
Post-translational Modifications	Phosphorylated on tyrosines following cross-linking of BCR in B-cells, FCGR1 in myeloid cells, or FCER1 in mast cells; which induces the recruitment of GRB2. May be polyubiquitinated.