

Datasheet for ABIN125754
anti-LAT2 antibody (Cytoplasmic Domain)[1 Image](#)[1 Publication](#)[Go to Product page](#)

Overview

Quantity:	0.1 mg
Target:	LAT2
Binding Specificity:	AA 124-203, Cytoplasmic Domain
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LAT2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant N-terminal cytoplasmic domain (aa 124-203) of mouse NTAL.
Specificity:	The polyclonal antibody recognizes N-terminal cytoplasmic domain of mouse Non-T cell Activation Linker (NTAL), also known as LAB (linker of activated B cells), a 25 kDa transmembrane adaptor protein present in membrane microdomains (rafts) of B cells, NK cells and myeloid cells.
No Cross-Reactivity:	Human
Cross-Reactivity (Details):	Mouse, Other species Not tested
Purification:	Purified by ligand affinity chromatography.
Purity:	> 95 % (by SDS-PAGE)

Target Details

Target:	LAT2
Alternative Name:	NTAL / LAB (LAT2 Products)
Background:	Linker for activation of T cells family member 2,NTAL (non-T cell activation linker), also known as LAB (linker for activation of B cells), is a 30 kDa double-palmitoylated transmembrane adaptor protein expressed by B cells, NK cells, mast cells and macrophages. It is a negative regulator of early stages of BCR-dependent B cell signaling and serves as a negative regulator also in mast cells. However, in mast cells, NTAL also contributes to some activation processes, partially overlapping with LAT function.,LAB, LAT2
Gene ID:	7462
UniProt:	Q9GZY6
Pathways:	Fc-epsilon Receptor Signaling Pathway , BCR Signaling

Application Details

Application Notes:	Western blotting: Recommended dilution: 1 µg/mL, positive control: murine spleen, non-reducing conditions.
Restrictions:	For Research Use only

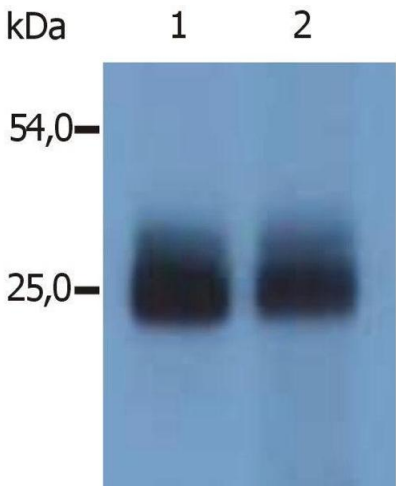
Handling

Concentration:	1 mg/mL
Buffer:	Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Do not freeze.
Storage:	4 °C
Storage Comment:	Store at 2-8°C. Do not freeze.

Publications

Product cited in:	Volná, Lebduska, Dráberová, Símová, Heneberg, Boubelík, Bugajev, Malissen, Wilson, Horejsí, Malissen, Dráber: "Negative regulation of mast cell signaling and function by the adaptor
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LAB/NTAL." in: **The Journal of experimental medicine**, Vol. 200, Issue 8, pp. 1001-13, (2004) ([PubMed](#)).



Western Blotting

Image 1. Western Blotting immunostaining with polyclonal anti-mouse NTAL antibody (specific for N-terminal domain of mouse NTAL)