

Datasheet for ABIN953143
anti-LAT2 antibody (Middle Region)



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1 Image

Overview

Quantity:	0.4 mL
Target:	LAT2
Binding Specificity:	AA 106-135, Middle Region
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LAT2 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	Synthetic peptide - KLH conjugated - corresponding to the central region (between 106-135aa) of human LAT2 / WBSCR15.
Isotype:	Ig Fraction
Specificity:	This antibody recognizes LAT2 / WBSCR15.
Cross-Reactivity (Details):	Species reactivity (tested):Human
Purification:	Purified through a Protein A column followed by peptide affinity purification

Target Details

Target:	LAT2
Alternative Name:	LAT2 / WBSCR15 (LAT2 Products)

Target Details

Background:	The LAT2 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.Synonyms: HSPC046, LAB, LLinker for activation of B-cells, Linker for activation of T-cells family member 2, Membrane-associated adapter molecule, NTAL, Non-T-cell activation linker, WBS15, WBSCR5, Williams-Beuren syndrome chromosomal region 15 protein
Gene ID:	7462
NCBI Accession:	NP_054865
Pathways:	Fc-epsilon Receptor Signaling Pathway , BCR Signaling

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS with 0.09 % (W/V) 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:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Western Blotting

Image 1. Western blot analysis in Hela cell line lysates (35ug/lane) using LAT2 / WBSCR15 Antibody . This demonstrates the LAT2 antibody detected the LAT2 protein (arrow).