

Datasheet for ABIN2789575
anti-LAT2 antibody (C-Term)



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1 Image

Overview

Quantity:	100 µL
Target:	LAT2
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Rabbit, Cow, Dog, Horse, Pig, Saccharomyces cerevisiae
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LAT2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Sequence:	KTGPTSGLCPSASPEEDEES EDYQNSASIH QWRESRKVMG QLQREASPGP
Predicted Reactivity:	Cow: 91%, Dog: 91%, Horse: 91%, Human: 100%, Mouse: 91%, Pig: 91%, Rabbit: 91%, Rat: 91%, Yeast: 91%
Characteristics:	This is a rabbit polyclonal antibody against LAT2. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	LAT2
Alternative Name:	LAT2 (LAT2 Products)
Background:	This gene is one of the contiguous genes at 7q11.23 commonly deleted in Williams syndrome,

Target Details

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.

Alias Symbols: HSPC046, LAB, NTAL, WBSCR15, WBSCR5, WSCR5

Protein Interaction Partner: UBC, UBQLN4, GAB1, PLCG2, SOS1, PLCG1, CBL, GRB2,

Protein Size: 243

Molecular Weight: 26 kDa

Gene ID: 7462

NCBI Accession: [NM_014146](#), [NP_054865](#)

Pathways: [Fc-epsilon Receptor Signaling Pathway](#), [BCR Signaling](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 243 AA

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

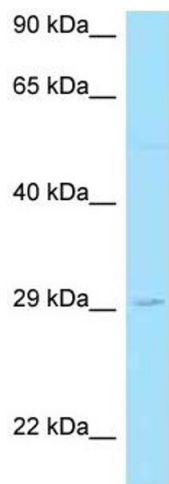
Preservative: Sodium azide

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 freeze-thaw cycles.

Storage: -20 °C

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



Western Blotting

Image 1. WB Suggested Anti-LAT2 Antibody Titration: 1.0 µg/mL

Positive Control: RPMI-8226 Whole Cell

LAT2 is supported by BioGPS gene expression data to be expressed in RPMI 8226