

Datasheet for ABIN2787949
anti-LAX1 antibody (C-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	LAX1
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Dog, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LAX1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human LAX1
Sequence:	ADFQPFTQSE DSQMKHREEM SNEDSSDYEN VLTAKLGGRD SEQGPGTQLL
Predicted Reactivity:	Dog: 86%, Human: 100%, Mouse: 79%, Pig: 79%, Rat: 79%
Characteristics:	This is a rabbit polyclonal antibody against LAX1. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	LAX1
Alternative Name:	LAX1 (LAX1 Products)
Background:	LAX1 is a single-pass type III membrane protein. It negatively regulates TCR (T-cell antigen

Target Details

receptor)-mediated signaling in T-cells and BCR (B-cell antigen receptor)-mediated signaling in B-cells.

Alias Symbols: FLJ20340, LAX

Protein Interaction Partner: STAMBPL1, GRB7, NDN, UBC, GRAP2, SYK, ZAP70, LCK, GRB2,

Protein Size: 382

Molecular Weight: 42 kDa

Gene ID: 54900

NCBI Accession: [NM_001136190](#), [NP_001129662](#)

UniProt: [B7Z744](#)

Pathways: [Production of Molecular Mediator of Immune Response](#)

Application Details

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

Comment: Antigen size: 382 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-LAX1 Antibody Titration: 0.2-1 ug/ml

ELISA Titer: 1:312500

Positive Control: Jurkat cell lysate

Western Blotting

Image 2. WB Suggested Anti-LAX1

Antibody Titration: 0.2-1 µg/mL ELISA Titer: 1:12500

Positive Control: Jurkat cell lysate

LAX1 is supported by BioGPS gene expression data to be expressed in Jurkat