

Datasheet for ABIN2774016

anti-LACTB antibody (C-Term)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µL
Target:	LACTB
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LACTB 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 LACTB
Sequence:	TEMSWDKEGK YAMAWGVVER KQTYGSCRKQ RHYASHTGGA VGASSVLLVL
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rat: 100%, Zebrafish: 85%
Characteristics:	This is a rabbit polyclonal antibody against LACTB. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	LACTB
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Target Details

Alternative Name:	LACTB (LACTB Products)
Background:	LACTB belongs to the peptidase S12 family. LACTB is a protein from the large 39S subunit of the mitochondrial ribosome (mitoribosome). It has some sequence similarity to prokaryotic beta-lactamases but most of the residues that are responsible for the beta-lactamase activity are not conserved between the two proteins. This gene encodes a protein from the large 39S subunit of the mitochondrial ribosome (mitoribosome). The encoded protein has some sequence similarity to prokaryotic beta-lactamases but most of the residues that are responsible for the beta-lactamase activity are not conserved between the two proteins. Alias Symbols: FLJ14902, G24, MRPL56 Protein Interaction Partner: UBC, PAXIP1, SPRTN, ELAVL1, CALM1, Protein Size: 547
Molecular Weight:	61 kDa
Gene ID:	114294
NCBI Accession:	NM_032857 , NP_116246
UniProt:	P83111

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 547 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.

Handling

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.

Images



Western Blotting

Image 1. WB Suggested Anti-LACTB Antibody Titration:
0.2-1 ug/ml
Positive Control: Human Liver