

Datasheet for ABIN2784928

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

Overview

Quantity:	100 µL
Target:	LACTB
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit
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 middle region of human LACTB
Sequence:	QEKEGKSNEK NDFTKFKTEQ ENEAKCRNSK PGKKKNDFEQ GELYLREKFE
Predicted Reactivity:	Cow: 93%, Dog: 93%, Guinea Pig: 93%, Horse: 100%, Human: 100%, Mouse: 86%, Rabbit: 100%, Rat: 100%
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. 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: 373
Molecular Weight:	41 kDa
Gene ID:	114294
NCBI Accession:	NM_171846 , NP_741982

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 373 AA
Restrictions:	For Research Use only

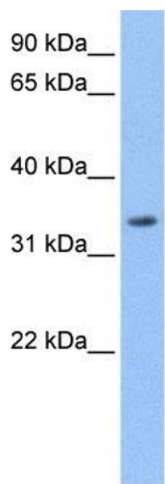
Handling

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

Handling

	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.

Images



Western Blotting

Image 1. WB Suggested Anti-LACTB Antibody Titration:

0.2-1 ug/ml

Positive Control: HepG2 cell lysate