

Datasheet for ABIN2789278  
**anti-MRPL46 antibody (C-Term)**



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## Overview

Quantity:	100 µL
Target:	MRPL46
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Guinea Pig, Cow, Dog, Horse, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MRPL46 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Sequence:	KVFFFKALLL TGDFSQAGNK GHHVWVKDE LGDYLKPKYL AQVRRFVSDL
Predicted Reactivity:	Cow: 92%, Dog: 92%, Guinea Pig: 100%, Horse: 92%, Human: 100%, Mouse: 85%, Rabbit: 77%, Rat: 92%
Characteristics:	This is a rabbit polyclonal antibody against MRPL46. It was validated on Western Blot.
Purification:	Affinity Purified

## Target Details

Target:	MRPL46
Alternative Name:	MRPL46 ( <a href="#">MRPL46 Products</a> )
Background:	Mammalian mitochondrial ribosomal proteins are encoded by nuclear genes and help in protein

## Target Details

synthesis within the mitochondrion. Mitochondrial ribosomes (mitoribosomes) consist of a small 28S subunit and a large 39S subunit. They have an estimated 75 % protein to rRNA composition compared to prokaryotic ribosomes, where this ratio is reversed. Another difference between mammalian mitoribosomes and prokaryotic ribosomes is that the latter contain a 5S rRNA. Among different species, the proteins comprising the mitoribosome differ greatly in sequence, and sometimes in biochemical properties, which prevents easy recognition by sequence homology. This gene encodes a 39S subunit protein.

Alias Symbols: C15orf4, LIECG2, MGC22762, P2ECSL

Protein Interaction Partner: NEDD1, NPM1, C1QBP, EIF3F, EIF3A, ATP6V0A1, MARCKSL1, MRPL4, MRPL3, SLC25A13, FUBP1, UBC, ICT1,

Protein Size: 279

Molecular Weight: 31 kDa

Gene ID: 26589

NCBI Accession: [NM\\_022163](#), [NP\\_071446](#)

UniProt: [Q9H2W6](#)

## Application Details

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

Comment: Antigen size: 279 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

Handling

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

