# ANTIBODIES ONLINE

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

Image



Overview

1

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 GHHVWVTKDE 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 (MRPL46 Products)
Background:	Mammalian mitochondrial ribosomal proteins are encoded by nuclear genes and help in protein

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 1/3 | Product datasheet for ABIN2789278 | 07/26/2024 | Copyright antibodies-online. All rights reserved.

Storage:

-	
	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.

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 2/3 | Product datasheet for ABIN2789278 | 07/26/2024 | Copyright antibodies-online. All rights reserved.

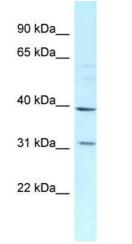
-20 °C

### 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



Rabbit Anti-MRPL46 Antibody Catalog Number: ARP62872 Lot Number: QC33448 Lane: Hela Cell Lysate

Antibody Titration: 1.0µg/ml Gel Concentration: 12%

#### Western Blotting

#### Image 1.

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 3/3 | Product datasheet for ABIN2789278 | 07/26/2024 | Copyright antibodies-online. All rights reserved.