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# anti-MRPS2 antibody (N-Term)





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Quantity:	400 μL
Target:	MRPS2
Binding Specificity:	AA 44-71, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)

## **Product Details**

Immunogen:	This MRPS2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 44-71 amino acids from the N-terminal region of human MRPS2.
Clone:	RB37495
Isotype:	lg Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

# **Target Details**

Target:	MRPS2
Alternative Name:	MRPS2 (MRPS2 Products)
Background:	Mammalian mitochondrial ribosomal proteins are encoded by nuclear genes and help in protein 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

#### **Target Details**

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 28S subunit protein that belongs to the ribosomal protein S2 family.

Pathways: SARS-CoV-2 Protein Interactome

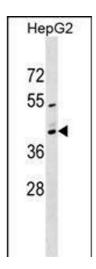
# **Application Details**

Application Notes: WB: 1:1000

Restrictions: For Research Use only

# Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	MRPS2 Antibody (N-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.
Expiry Date:	6 months



## **Western Blotting**

**Image 1.** MRPS2 Antibody (N-term) (ABIN1539387 and ABIN2849078) western blot analysis in HepG2 cell line lysates (35  $\mu$ g/lane).This demonstrates the MRPS2 antibody detected the MRPS2 protein (arrow).