

Datasheet for ABIN1538401
anti-MRPS11 antibody (AA 42-69)[Go to Product page](#)

1 Image

Overview

Quantity:	400 µL
Target:	MRPS11
Binding Specificity:	AA 42-69
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MRPS11 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This MRPS11 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 42-69 amino acids from the Central region of human MRPS11.
Clone:	RB36921
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	MRPS11
Alternative Name:	MRPS11 (MRPS11 Products)
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 28S subunit protein that contains a high level of sequence similarity with ribosomal protein S11P family members. A pseudogene corresponding to this gene is found on chromosome 20. Sequence analysis identified two transcript variants that encode different protein isoforms.

Molecular Weight: 20616

Gene ID: 64963

NCBI Accession: [NP_073750](#), [NP_789775](#)

UniProt: [P82912](#)

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.

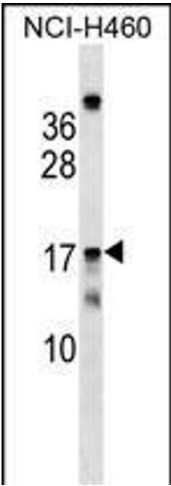
Preservative: Sodium azide

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: MRPS11 Antibody (Center) 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. MRPS11 Antibody (Center) (ABIN1538401 and ABIN2849154) western blot analysis in NCI- cell line lysates (35 µg/lane). This demonstrates the MRPS11 antibody detected the MRPS11 protein (arrow).