

Datasheet for ABIN2789181

**anti-MRPS11 antibody (Middle Region)**[Go to Product page](#)**1** Image

## Overview

Quantity:	100 µL
Target:	MRPS11
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MRPS11 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Sequence:	GTEGFRNAKK GTGIAAQTAG IAAAARAKQK GVIHIRVVVK GLGPGRLSAM
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against MRPS11. It was validated on Western Blot.
Purification:	Affinity Purified

## Target Details

Target:	MRPS11
Alternative Name:	MRPS11 ( <a href="#">MRPS11 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 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.

Alias Symbols: FLJ22512, FLJ23406, HCC-2

Protein Interaction Partner: CEP57, CEP76, SRPK1, MRPS14, SAMM50, RPL23, RPS26, RPS23, RPL9, CUL3, COPS5, UBC, ICT1,

Protein Size: 161

Molecular Weight: 17 kDa

Gene ID: 64963

NCBI Accession: [NM\\_001145838](#), [NP\\_001139310](#)

UniProt: [E7EP84](#)

## Application Details

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

Comment: Antigen size: 161 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

