

Datasheet for ABIN2791675 anti-MRPS25 antibody (C-Term)

1 Image

Overview

Target Details

MRPS25

Target:



Go to Product page

Quantity:	100 μL
Target:	MRPS25
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Horse, Rabbit, Cow, Dog, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MRPS25 antibody is un-conjugated
Application:	Western Blotting (WB)
Product Details	
Immunogen:	The immunogen is a synthetic peptide directed towards the C-terminal region of human MRPS25
Sequence:	YKNPWVQIMM FKNMTPSPFL RFYLDSGEQV LVDVETKSNK EIMEHIRKIL
Predicted Reactivity:	Cow: 100%, Dog: 93%, Guinea Pig: 79%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 93%, Rat: 86%
Characteristics:	This is a rabbit polyclonal antibody against MRPS25. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

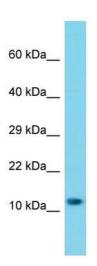
Alternative Name:	MRPS25 (MRPS25 Products)
Background:	Mammalian mitochondrial ribosomal proteins are encoded by nuclear genes and help in protein
	synthesis within the mitochondrion. Mitochondrial ribosomes (mitoribosomes) consist of a
	small 28S subunit and a large 39S subunit. They have an estimated 75 % protein to rRNA
	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. A pseudogene corresponding
	to this gene is found on chromosome 4.
	Alias Symbols: RPMS25, MRP-S25 Protein Size: 110
	Protein Size. 110
Molecular Weight:	12 kDa
Gene ID:	64432
NCBI Accession:	NM_022497, NP_071942
UniProt:	P82663
Pathways:	SARS-CoV-2 Protein Interactome
Application Details	
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 mg/mL
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 repeat 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



Western Blotting

Image 1.