Datasheet for ABIN953522

anti-MRPS9 antibody (C-Term)

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1 Image

Overview

Quantity:	0.4 mL
Target:	MRPS9
Binding Specificity:	AA 363-392, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MRPS9 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	Synthetic peptide - KLH conjugated - corresponding to the C-terminal region (between 363-392aa) of human MRPS9.
Isotype:	Ig Fraction
Specificity:	This antibody recognizes human MRPS9 at C-term.
Purification:	Purified through a Protein A column followed by peptide affinity purification

Target Details

Target:	MRPS9
Alternative Name:	MRPS9 (MRPS9 Products)
Background:	Mammalian mitochondrial ribosomal proteins are encoded by nuclear genes and help in protein

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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. The MRPS9 gene encodes a 28S subunit protein.Synonyms: 28S ribosomal protein S9, RPMS9, S9mt, mitochondrial
Molecular Weight:	45835 Da
Gene ID:	64965
NCBI Accession:	NP_872578

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	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.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.

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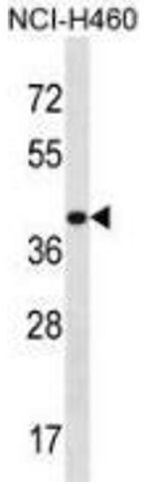

Western Blotting

Image 1. Western blot analysis in NCI-H460 cell line lysates (35ug/lane) using MRPS9 Antibody (C-term). This demonstrates this antibody detected the MRPS9 protein (arrow).

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