antibodies - online.com







anti-MRPS18C antibody (N-Term)



Image



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Overview	
Quantity:	100 μL
Target:	MRPS18C
Binding Specificity:	N-Term
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MRPS18C antibody is un-conjugated
Application:	Western Blotting (WB)
Product Details	
Immunogen:	The immunogen is a synthetic peptide directed towards the N-terminal region of Human MRPS18C
Sequence:	GTHTVLWRRG CSQQVSSNED LPISMENPYK EPLKKCILCG KHVDYKNVQL
Predicted Reactivity:	Human: 100%, Rat: 75%
Predicted Reactivity: Characteristics:	Human: 100%, Rat: 75% This is a rabbit polyclonal antibody against MRPS18C. It was validated on Western Blot.
Characteristics:	This is a rabbit polyclonal antibody against MRPS18C. It was validated on Western Blot.
Characteristics: Purification:	This is a rabbit polyclonal antibody against MRPS18C. It was validated on Western Blot.

Target Details

Backo	round:

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 that belongs to the ribosomal protein S18P family. The encoded protein is one of three that has significant sequence similarity to bacterial S18 proteins.

Alias Symbols: MRP-S18-1, MRPS18-1 Protein Interaction Partner: LIG4, UBC,

Protein Size: 142

Molecular Weight:

15 kDa

Gene ID:

51023

NCBI Accession:

NM_016067, NP_057151

UniProt:

Q9Y3D5

Application Details

Restrictions:

For Research Use only

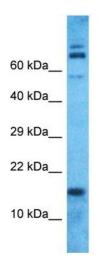
Handling

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

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.

Validation report #100039 for Immunocytochemistry (ICC)



Host: Rabbit

Target Name: MRPS18C

Sample Tissue: Hela Cell Lysate Antibody Dilution: 1.0µg/ml

Western Blotting

Image 1. Host: Rabbit Target Name: MRPS18C Sample Type: Hela Whole Cell lysates Antibody Dilution: 1.0ug/ml