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Datasheet for ABIN7384125 **anti-MRPL46 antibody**

Overview

Quantity:	60 µL
Target:	MRPL46
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MRPL46 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant fusion protein of human MRPL46 (NP_071446.2).
Isotype:	IgG
Purification:	Affinity purification

Target Details

Target:	MRPL46
Alternative Name:	MRPL46 (MRPL46 Products)
Background:	MRPL46,C15orf4,LIECG2,P2ECSL,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

Target Details

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 39S subunit protein.

Molecular Weight: Observed_MW: 32 kDa
Calculated_MW: 31 kDa

Gene ID: 26589

UniProt: [Q9H2W6](#)

Application Details

Application Notes: WB 1:200-1:2000 IHC 1:50-1:200

Restrictions: For Research Use only

Handling

Concentration: 1 mg/mL

Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3

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: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.