

Datasheet for ABIN2789037
anti-MRPL19 antibody (C-Term)



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Overview

Quantity:	100 µL
Target:	MRPL19
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Horse, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MRPL19 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Sequence:	PWSKRWERPN FNIKGIRFDL CLTEQQMKEA QKWNQPWLEF DMMREYDTSK
Predicted Reactivity:	Cow: 86%, Dog: 79%, Horse: 79%, Human: 100%, Mouse: 92%, Pig: 79%, Rat: 92%
Characteristics:	This is a rabbit polyclonal antibody against MRPL19. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	MRPL19
Alternative Name:	MRPL19 (MRPL19 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

Target Details

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 39S subunit protein.

Alias Symbols: KIAA0104, L19mt, MGC20675, MRP-L15, MRP-L19, MRPL15, RLX1, RPML15

Protein Interaction Partner: TRIM63, TRIM55, UBC, NPM1, C1QBP, MRPL15, MRPL13, MRPL3, MATR3, APP, MRPL39, MRPL21, MRPL45, TMEM177, MRPL24, MRPL57, MRPL44, MRPL9, MRPL11, MRPL38, MRPL40, MRPL14, TSR1, NPLOC4, MRPL16, MRPL50, MAGEC1, CAND1, CUL1, CUL3, NEDD4L, NEDD4, ICT1,

Protein Size: 292

Molecular Weight: 33 kDa

Gene ID: 9801

NCBI Accession: [NM_014763](#), [NP_055578](#)

UniProt: [P49406](#)

Application Details

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

Comment: Antigen size: 292 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 should be handled by trained staff only.

Handling Advice: Avoid repeated freeze-thaw cycles.

Handling

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

