



Rabbit Anti-MRPL19 antibody

SL17775R

Product Name:	MRPL19
Chinese Name:	Mitochondrion核糖体蛋白L19抗体
Alias:	39S ribosomal protein L15; 39S ribosomal protein L15, mitochondrial; 39S ribosomal protein L19; 39S ribosomal protein L19, mitochondrial; 39S ribosomal protein L19, mitochondrial precursor; KIAA0104; L15mt; L19mt; MGC20675; mitochondrial; Mitochondrial ribosomal protein L19; MRP L15; MRP L19; MRP-L15; MRP-L19; MRPL15; mRpL19; OTTHUMP00000202782; RLX1; RM19_HUMAN; RPML15.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Rabbit,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	34kDa
Cellular localization:	cytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human MRPL19:201-292/292
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	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 39S subunit protein. [provided by RefSeq, Jul 2008]

Subcellular Location:

Mitochondrion.

Similarity:

Belongs to the ribosomal protein L19P family.

SWISS:

P49406

Gene ID:

9801

Database links:

[Entrez Gene: 510957](#) Cow

[Entrez Gene: 9801](#) Human

[Entrez Gene: 56284](#) Mouse

[Entrez Gene: 297372](#) Rat

[Omim: 611832](#) Human

[SwissProt: Q2HJI0](#) Cow

[SwissProt: P49406](#) Human

[SwissProt: Q9D338](#) Mouse

[SwissProt: D4A4A9](#) Rat

[Unigene: 55433](#) Cow

[Unigene: 44024](#) Human

[Unigene: 276293](#) Mouse

[Unigene: 3438](#) Rat

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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