

MRP-L39 Polyclonal Antibody

Cat No: HR1AP7753

For research use only

Overview

Product Name	MRP-L39 Polyclonal Antibody
Source	Rabbit
Applications	WB,IHC-p,ELISA
Species Reactivity	Human
Recommended Dilutions	
Immunogen	
Species	Rabbit
Storage	-20°C/1 year
Isotype	
Clonality	
Concentration	1 mg/ml
Observed band	39kDa
GeneID?Human?	MRPL39
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	MRPL39; C21orf92; MRPL5; RPML5; MSTP003; PRED22; 39S ribosomal protein L39; mitochondrial; L39mt; MRP-L39; 39S ribosomal protein L5, mitochondrial; L5mt; MRP-L5
Background	mitochondrial ribosomal protein L39(MRPL39) Homo sapiens 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. Two transcript variants encoding distinct isoforms have been described. A pseudogene corresponding to this gene is found on chromosome 5q. [provided by RefSeq, Jul 2008],