

Product Name: MRP-L3 Rabbit Polyclonal Antibody
Catalog #: APRab14121



Summary

Production Name	MRP-L3 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB,ELISA
Reactivity	Human,Rat,Mouse

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	MRPL3
Alternative Names	MRPL3; MRL3; RPML3; 39S ribosomal protein L3; mitochondrial; L3mt; MRP-L3
Gene ID	11222.0
SwissProt ID	P09001.Synthesized peptide derived from MRP-L3 . at AA range: 20-100

Application

Dilution Ratio	WB 1:500-2000 ELISA 2000-20000
Molecular Weight	38kD

Background

Mammalian mitochondrial ribosomal proteins are encoded by nuclear genes and help in protein synthesis within the

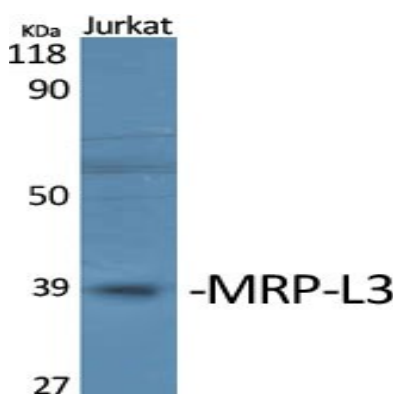
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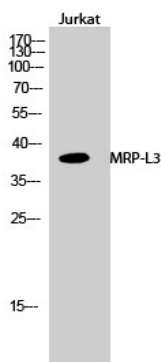
mitochondrion. Mitochondrial ribosomes (mitoribosomes) consist of a small 28S subunit and a large 39S subunit. They have an estimated 75% protein to rRNA composition compared to prokaryotic ribosomes, where this ratio is reversed. Another difference between mammalian mitoribosomes and prokaryotic ribosomes 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 that belongs to the L3P ribosomal protein family. A pseudogene corresponding to this gene is found on chromosome 13q. [provided by RefSeq, Jul 2008],similarity:Belongs to the ribosomal protein L3P family.,

Research Area

Image Data



Western Blot analysis of various cells using MRP-L3 Polyclonal Antibody



Western Blot analysis of Jurkat cells using MRP-L3 Polyclonal Antibody

Note

For research use only.