



RM01 Polyclonal Antibody

Catalog No	YP-Ab-05225
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;ELISA
Gene Name	MRPL1 BM-022
Immunogen	Synthesized peptide derived from human protein . at AA range: 150-230
Specificity	RM01 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	MRP-L1;MRP L1;Large ribosomal subunit protein uL1m;L1mt;BM-022;RM01;MRPL1 BM-022;39S ribosomal protein L1;mitochondrial (L1mt) (MRP-L1)
Observed Band	35kD
Calculated Molecular Weight	35kD
Cell Pathway	Mitochondrion .
Tissue Specificity	Bone marrow,Coronary artery,Skin,
Function	sequence caution:Translation N-terminally extended.,similarity:Belongs to the ribosomal protein L1P family.,
Background	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



that belongs to the L1 ribosomal protein family. [provided by RefSeq, Jul 2008],

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images

