



RM37 Polyclonal Antibody

Catalog No	YP-Ab-05230
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;ELISA
Gene Name	MRPL37 MRPL2 RPML2 HSPC235
Immunogen	Synthesized peptide derived from human protein . at AA range: 240-320
Specificity	RM37 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 L37;MRP L2;Large ribosomal subunit protein mL37;L37mt;L2mt;RM37;MRPL37 MRPL2 RPML2 HSPC235;39S ribosomal protein L37;mitochondrial (L37mt) (MRP-L37) (39S ribosomal protein L2;mitochondrial) (L2mt) (MRP-L2)
Observed Band	46kD
Calculated Molecular Weight	46kD
Cell Pathway	Mitochondrion .
Tissue Specificity	Placenta,Skeletal muscle,Umbilical cord blood,
Function	similarity:Belongs to the ribosomal protein S30/L37 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.



[provided by RefSeq, Jul 2008],

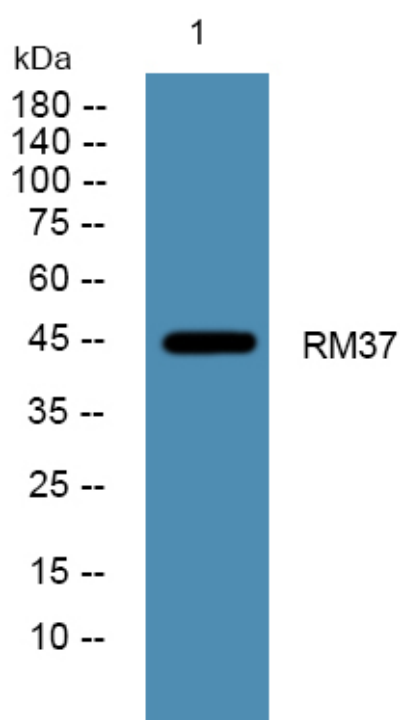
matters needing attention

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



Western blot analysis of lysates from PC12 cells, primary antibody was diluted at 1:1000, 4° over night