



RM55 Polyclonal Antibody

Catalog No	YP-Ab-05235
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB;ELISA
Gene Name	MRPL55 UNQ5835/PRO19675
Immunogen	Synthesized peptide derived from human protein . at AA range: 30-110
Specificity	RM55 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 L55;Mitochondrial large ribosomal subunit protein bL31m;Large ribosomal subunit protein mL55;L55nt;L55mt;RM55;MRPL55 UNQ5835/PRO19675;39S ribosomal protein L55;mitochondrial (L55mt) (MRP-L55)
Observed Band	14kD
Calculated Molecular Weight	14kD
Cell Pathway	Mitochondrion .
Tissue Specificity	Brain,
Function	subunit:Component of the mitochondrial ribosome large subunit (39S) which comprises a 16S rRNA and about 50 distinct proteins.,
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. Multiple transcript variants encoding two different isoforms were identified through sequence analysis. [provided by RefSeq, Jul 2008],

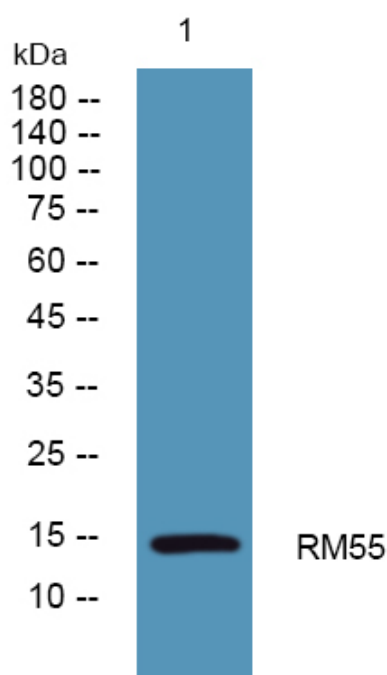
matters needing attention

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 K562 cells, primary antibody was diluted at 1:1000, 4° over night