

MRP-L40 Polyclonal Antibody

Catalog No :	YT2862
Reactivity :	Human;Rat;Mouse;
Applications :	WB;IHC;IF;ELISA
Target :	MRP-L40
Gene Name :	MRPL40
Protein Name :	39S ribosomal protein L40 mitochondrial
Human Gene Id :	64976
Human Swiss Prot	Q9NQ50
Mouse Swiss Prot	Q9Z2Q5
Immunogen :	The antiserum was produced against synthesized peptide derived from human MRPL40. AA range:101-150
Specificity :	MRP-L40 Polyclonal Antibody detects endogenous levels of MRP-L40 protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500 - 1:2000. IHC 1:100 - 1:300. ELISA: 1:40000 IF 1:50-200
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity- chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Observed Band :	24kD



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. Deletions in this gene may contribute to the etiology of velo-cardio-facial syndrome and DiGeorge syndrome. [provided by RefSeq, Jul 2008],
Function :	tissue specificity:Ubiquitous.,
Subcellular Location :	Mitochondrion .
Expression :	Ubiquitous.
Sort :	10242
No4 :	1

Products Images



Western Blot analysis of various cells using MRP-L40 Polyclonal Antibody diluted at 1:1000





Immunohistochemistry analysis of paraffin-embedded human pancreas tissue, using MRPL40 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from COLO cells, using MRPL40 Antibody. The lane on the right is blocked with the synthesized peptide.

Western blot analysis of the lysates from Jurkat cells using MRPL40 antibody.