EnkiLife

Summary

Production Name	MRP-L34 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	IHC,ELISA
Reactivity	Human,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	MRPL34
Alternative Names	MRPL34; 39S ribosomal protein L34; mitochondrial; L34mt; MRP-L34
Gene ID	64981.0
SwissProt ID	Q9BQ48.The antiserum was produced against synthesized peptide derived from human MRPL34. AA range:21-70

Application

Dilution Ratio	IHC 1:100-1:300 ELISA: 1:10000
Molecular Weight	

Background

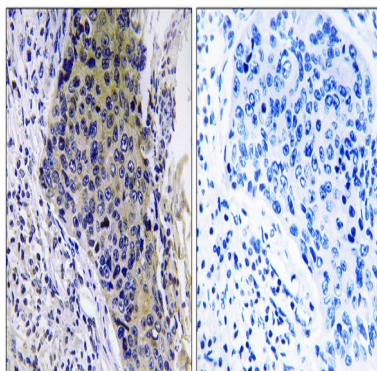Mammalian mitochondrial ribosomal proteins are encoded by nuclear genes and help in protein synthesis within the

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],similarity:Belongs to the ribosomal protein L34P family.,

Research Area

Image Data

Immunohistochemistry analysis of paraffin-embedded human lung carcinoma tissue, using MRPL34 Antibody. The picture on the right is blocked with the synthesized peptide.

Note
For research use only.