



MRP-L33 Polyclonal Antibody

E20-72858

Catalog Number:E20-72858

Amount:100ul

Applications:IHC-p, WB, ELISA

Reactivity:Human

Gene Name:MRPL33

Protein Name:39S ribosomal protein L33 mitochondrial

Human Gene Id:9553

Human Swiss Prot No:O75394

Mouse Swiss Prot No:Q9CQP0

Source:Rabbit

Molecular Weight (Da):7619

Storage Stability:-20°C/1 year

Immunogen:The antiserum was produced against peptide derived from human ATP5J2 21-70aa

Specificity:MRP-L33 Polyclonal Antibody detects endogenous levels of MRP-L33 protein.

Formulation:Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Dilution:Immunohistochemistry: 1/100 - 1/300. Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.

Purification:The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

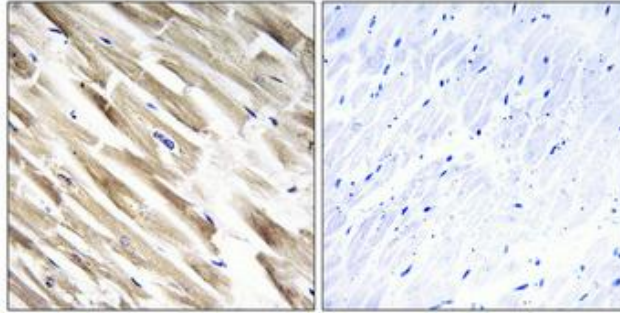
Other Names:MRPL33; C2orf1; 39S ribosomal protein L33; mitochondrial; L33mt; MRP-L33

Background: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.

Subcellular Location:mitochondrial inner membrane, mitochondrial large ribosomal subunit.

Expression: Brain, Pituitary, Testis, Umbilical cord blood.

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Immunohistochemical analysis of paraffin-embedded Human heart. Antibody was diluted at 1:100(4°,overnight). High-pressure and temperature Tris-EDTA, pH8.0 was used for antigen retrieval. Negative control (right) obtained from antibody was pre-absorbed by immunogen peptide.