MRPL1 Polyclonal Antibody

catalog number: E-AB-18675



Note: Centrifuge before opening to ensure complete recovery of vial contents.

Reactivity Human Immunogen Fusion protein of human MRPL1 Host Rabbit Isotype IgG Purification Antigen affinity purification Conjugation Unconjugated buffer Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol. Applications Recommended Dilution WB 1:500-1:2000 HC 1:30-1:150 Data Immunohistochemistry of paraffin-embedded Human tonsi 1/2	Note: Centrifuge before opening to ensure complete recovery of vial contents.			
ImmunogenFusion protein of human MRPL1HostRabbitKostpeIgGPurificationAntigen affinity purificationConjugationUnconjugatedbufferPhosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.ApplicationsRecommended DilutionWB1:500-1:2000HC1:30-1:150DataImmunohistochemistry of paraffin-embedded Human tonsiVestern blot analysis of K562 HEPG2 231 and Jurkat cellImmunohistochemistry of paraffin-embedded Human tonsiIysates using MRPL1 Polyclonal Antibody at dilution of 1:3501:25(×200)Discuered-MV:Refer to figures Calculated-MV:37 kDaPreparation & StorageStorage	Description			
Host Rabbit ksotype IgG Purification Antigen affinity purification Conjugation Unconjugated buffer Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol. Applications Re commended Dilution WB 1:500-1:2000 HC 1:30-1:150 Data Immunohistochemistry of paraffin-embedded Human tonsi Vestern blot analysis of K562 HEPG2 231 and Jurkat cell Immunohistochemistry of paraffin-embedded Human tonsi Iysates using MRPL1 Polyclonal Antibody at dilution of 1:350 1:25(×200) Observed-MV:Refer to figures 1:25(×200) Calculated-MV:37 kDa 1:25(×200) Preparation & Storage Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.	Reactivity	Human	Human	
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Storage Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.				
Shipping The product is shipped with ice pack,upon receipt,store it immediately at the	Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.		
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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 that belongs to the L1 ribosomal protein family.

temperature recommended.

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