

RK05668

Leader in Biomolecular Solutions for Life Science



[One Step] MRPL13 Antibody Kit

Catalog No.: RK05668

Basic Information

Applications

Cross-Reactivity

Human, Mouse, Rat

Observed MW

20kDa

Calculated MW

21kDa

Category

Antibody kit

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.

Product Information

Source

Rabbit

Purification

Storage

Avoid repeated freeze-thaw cycles.

Contact



www.abclonal.com

Component & Recommended Dilutions

Catalog No.	Product Name	Dilutions
RK05668-1	MRPL13 Rabbit pAb	21kDa
RK05668-2	HRP-conjugated Goat anti-Rabbit IgG (H+L)	20kDa

Immunogen Information

Gene ID

28998

Swiss Prot

Q9BYD1

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-178 of human MRPL13 (NP_054797.2).

Synonyms

L13; L13A; L13mt; RPL13; RPML13; MRPL13