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Datasheet

MRPL10 MaxPab mouse polyclonal antibody (B01)

Catalog Number: H00124995-B01

Regulation Status: For research use only (RUO)

Product Description: Mouse polyclonal antibody raised against a full-length human MRPL10 protein.

Immunogen: MRPL10 (AAH15904, 1 a.a. ~ 261 a.a) full-length human protein.

Sequence:
MAAAVAGMLRGGLLPQAGRLPTLQTVRYGSKAVTRH
RRVMHFQRQKLMAVTEYIPPKPAIHPSCLPSPPSPPQ
EEIGLIRLLRREIAAVFQDNRMIAVCQNVALSAEDKLLM
RHQLRKHKILMKIFPNQVLKPFLEDSKYQNLLPLFVGH
NMLLVSEEPKVKEMVRILRTVPFLPLLGGCIDDTILSRQ
GFINYSKLPSLPLVQGELVGGLTCLTAQTHSPLQHQPL
QLTTLLDQYIREQREKDSVMSANGKPDPDTVPDS

Host: Mouse

Reactivity: Human

Applications: WB-Tr
(See our web site product page for detailed applications information)

Protocols: See our web site at http://www.abnova.com/support/protocols.asp or product page for detailed protocols

Storage Buffer: No additive

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 124995

Gene Symbol: MRPL10

Gene Alias: L10MT, MGC17973, MRP-L10, MRP-L8, MRPL8, RPML8

Gene Summary: 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. A pseudogene corresponding to this gene is found on chromosome 5q. [provided by RefSeq]