

DNAXPAb

Hard-to-Find
Antibody

MRPL10 DNAXPab

Catalog # H00124995-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human MRPL10 DNA using DNAX™ Immune technology.
Technology	DNAX™ Immune
Immunogen	Full-length human DNA
Sequence	MAAAVAGMLRGLLPQAGRLPTLQTVRYGSKAVTRHRRVMHFQRQKLMAVTEYPPKPAIHPSCLPSPSPSPQEEIGLIRLLRREIAAVFQDNRMIAVCQNALSAEDKLLMRHQLRKHKILMKVFPNQVLKPFLEDSKYQNLLPLFVGHNMLLVSEEPKVKEMVRILRTVPFLPLLGGCIDDITLSRQGFINYSLPSPPLVQGELVGGLTCLTAQTHSLLQHQLQLTLLDQYIREQREKDSVMSANGKPDPTVPDS
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — MRPL10

Entrez GeneID [124995](#)

GeneBank Accession# [NM_145255.2](#)

Protein Accession# [NP_660298.2](#)

Gene Name MRPL10

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

Gene Description mitochondrial ribosomal protein L10

Gene Ontology [Hyperlink](#)

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 28 S 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]

Other Designations 39S ribosomal protein L10, mitochondrial

Disease

- [Atherosclerosis](#)
- [Calcinosis](#)
- [Cardiovascular Diseases](#)
- [Coronary Artery Disease](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Tobacco Use Disorder](#)