

DNAxPAb

Hard-to-Find
Antibody

MRPS6 DNAxPab

Catalog # H00064968-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human MRPS6 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MPRYELALILKAMQRPETAATLKRTIEALMDRGAVRDLENLGERALPYRISAHSQQHNRRGGYFLVD FYAPTAAVESMVEHLSDIDVIRGNIVKHPLTQELKECEGMPVPLAEKLYSTKKRKK
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 — MRPS6

Entrez GeneID [64968](#)

GeneBank Accession# [NM_032476.2](#)

Protein Accession# [NP_115865.1](#)

Gene Name MRPS6

Gene Alias C21orf101, MRP-S6, RPMS6, S6mt

Gene Description mitochondrial ribosomal protein S6

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 28S subunit protein that belongs to the ribosomal protein S6P family. Pseudogenes corresponding to this gene are found on chromosomes 1p and 12q. [provided by RefSeq]

Other Designations OTTHUMP00000068540

Disease

- [Celiac Disease](#)
- [Coronary Artery Disease](#)
- [Coronary Disease](#)
- [Genetic Predisposition to Disease](#)
- [Myocardial Infarction](#)