

DNAxPAb

Hard-to-Find
Antibody

MRPS11 DNAxPab

Catalog # H00064963-W01P Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human MRPS11 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MQAVRNAGSRFLRSWTWPQTAGRNVARTPAGTICTGARQLQDAAAKQKVEQNAAPSHTKFSIYP PIPGEESSLRWAGKKFEEIPAHIAHIKASHNNTQIQVVSASNEPLAFASCGTEGFRNAKKGTGIAAQTA GIAAARAKQKGVIIHRVVVKGLGPGRLSAMHGLIMGGLEVISITDNTPIPHNGCRPRKARKL
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 — MRPS11

Entrez GeneID [64963](#)**GeneBank Accession#** [NM_022839.2](#)**Protein Accession#** [NP_073750.2](#)**Gene Name** MRPS11**Gene Alias** FLJ22512, FLJ23406, HCC-2**Gene Description** mitochondrial ribosomal protein S11**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 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 28S subunit protein that contains a high level of sequence similarity with ribosomal protein S11P family members. A pseudogene corresponding to this gene is found on chromosome 20. Sequence analysis identified two transcript variants that encode different protein isoforms. [provided by RefSeq]

Other Designations cervical cancer proto-oncogene 2