

DNAxPAb

Hard-to-Find  
Antibody

# MRPL11 DNAxPAb

Catalog # H00065003-W01P      Size 200 ug

## Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human MRPL11 DNA using DNAx™ Immune technology.
Technology	<a href="#">DNAx™ Immune</a>
Immunogen	Full-length human DNA
Sequence	MSKLGRAARGLRKPEVGGVIRAVRAGLAMPGPPLGPVLGQRGVSIQFCKEFNERTKDIKEGIPL PTKILVKPDRTFEIKIGQPTVSYFLKAAAGIEKGARQTGKEVAGLVTLKHVYEIARIKAQDEAFALQD VPLSSVVRISIIGSARSLGIRVVKDLSSSEELAAAFQKERAIFLAAQKEADLAAQEEAAKK
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 — MRPL11

**Entrez GeneID** [65003](#)**GeneBank Accession#** [NM\\_016050.2](#)**Protein Accession#** [NP\\_057134.1](#)**Gene Name** MRPL11**Gene Alias** CGI-113, L11MT, MGC111024, MRP-L11**Gene Description** mitochondrial ribosomal protein L11**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. Sequence analysis identified three transcript variants that encode different isoforms. Pseudogenes corresponding to this gene are found on chromosomes 5q and 12q. [provided by RefSeq]

**Other Designations** 39S ribosomal protein L11, mitochondrial