

DNAxPAb

Hard-to-Find  
Antibody

# MRPS27 DNAxPab

Catalog # H00023107-W01P      Size 200 ug

## Specification

<b>Product Description</b>	Rabbit polyclonal antibody raised against a full-length human MRPS27 DNA using DNAx™ Immune technology.
<b>Technology</b>	<a href="#">DNAx™ Immune</a>
<b>Immunogen</b>	Full-length human DNA
<b>Sequence</b>	MPLIWKPGYLDRALQVMEKVAASPEDIKLCREALDVLGAVLKALTSADGASEEQSQNDEDNQGS EKLVEQLDIEETE QSKLPQYLERFKALHSKLQALGKIESEGLLSLTQLVKEKLSTCEAEDIATYEQ NLQQWHLDLVQLIQREQQQREQAKQEYQAQKAAKASA
<b>Host</b>	Rabbit
<b>Reactivity</b>	Human
<b>Purification</b>	Protein A
<b>Quality Control Testing</b>	Antibody reactive against mammalian transfected lysate.
<b>Storage Buffer</b>	In 1x PBS, pH 7.4
<b>Storage Instruction</b>	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 — MRPS27

**Entrez GeneID** [23107](#)**GeneBank Accession#** [BC030521.2](#)**Protein Accession#** [AAH30521.1](#)**Gene Name** MRPS27**Gene Alias** FLJ21764, FLJ23348, KIAA0264, MRP-S27, S27mt**Gene Description** mitochondrial ribosomal protein S27**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 may be a functional partner of the death associated protein 3 (DAP3). [provided by RefSeq]

**Other Designations** mitochondrial 28S ribosomal protein S27