

DNAxPAb

Hard-to-Find  
Antibody

# MRPS28 DNAxPab

Catalog # H00028957-W01P

Size 200 ug

## Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human MRPS28 DNA using DNAx™ Immune technology.
Technology	<a href="#">DNAx™ Immune</a>
Immunogen	Full-length human DNA
Sequence	MAALCRTRAVAAESHFLRVFLFFRPFRGVGTESGSESGSSNAKEPKTRAGGFASALERHSELLQ KVEPLQKGSPKNVESFASMLRHSPLTQMGPAKDKLVIGRIFHIVENDLYIDFGGKFHCVCCRPEV DGEKYQKGTRVRLRLLDLELTSRFLGATDTTVLEANAVLLGIQESKDSRSKEEHHEK
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 — MRPS28

**Entrez GeneID** [28957](#)**GeneBank Accession#** [NM\\_014018.2](#)**Protein Accession#** [NP\\_054737.1](#)**Gene Name** MRPS28**Gene Alias** FLJ22853, HSPC007, MRP-S28, MRP-S35, MRPS35**Gene Description** mitochondrial ribosomal protein S28**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 has been called mitochondrial ribosomal protein S35 in the literature. [provided by RefSeq]

**Other Designations** mitochondrial 28S ribosomal protein S35