

DNAxPAb

Hard-to-Find Antibody

## MRPL50 DNAxPab

Catalog # H00054534-W01P Size 200 ug

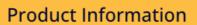
Specification	
Product Description	Rabbit polyclonal antibody raised against a full-length human MRPL50 DNA using DNAx™ Immune t echnology.
Technology	<u>DNAx™ Immune</u>
Immunogen	Full-length human DNA
Sequence	MAARSVSGITRRVFMWTVSGTPCREFWSRFRKEKEPVVVETVEEKKEPILVCPPLRSRAYTPPE DLQSRLESYVKEVFGSSLPSNWQDISLEDSRLKFNLLAHLADDLGHVVPNSRLHQMCRVRDVLD FYNVPIQDRSKFDELSASNLPPNLKITWSY
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 — MRPL50	
Entrez GenelD	<u>54534</u>
GeneBank Accession#	NM_019051.1
Protein Accession#	NP_061924.1
Gene Name	MRPL50
Gene Alias	FLJ20493, FLJ21990, MRP-L50
Gene Description	mitochondrial ribosomal protein L50
Gene Ontology	<u>Hyperlink</u>
Gene Summary	Mammalian mitochondrial ribosomal proteins are encoded by nuclear genes and help in protein s ynthesis 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 putative 39S subunit protein and belongs to the L47P ribosomal protein family. Pseudogenes corresponding to this gene are found on chromosomes 2p, 2q, 5p, and 10q. [provided by RefSeq
Other Designations	OTTHUMP00000021811 mitochondrial 39S ribosomal protein L50