

MaxPab®

MRPL45 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00084311-B01P

Size 500 ug

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human MRPL45 protein.
Immunogen	MRPL45 (ADR83119.1, 1 a.a. ~ 306 a.a) full-length human protein.
Sequence	MAAIPQGFSCLSRFLGWWFRQPVLVTQSAAMPVRTKKRFTPPYQPKFKTEKEFMQHARKAGL VIPPEKSDRSIHLACTAGIFDAYVPPEGDARISSLSKEGLIERTERMKKTMASQVSIRRIKDYDANFKI KDFPEKAKDIFIEAHLCLNNSDHDLRLHTLVTEHCFPDMTWDIKYKTVRWSFVESLEPSHVQVRC SSMMNQGNVYGQITVRMHTRQTLAYDRFGRLMYGQEDVPKDVLEYVVFEEKQLTNPYGSWRMHT KIPPPWAPPKQPILKTMIPGPQLKPEEEYEEAQGEAQKPQLA
Host	Mouse
Reactivity	Human
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](#)

Gene Info — MRPL45

Entrez GeneID	84311
GeneBank Accession#	HQ258365.1

Protein Accession#	ADR83119.1
Gene Name	MRPL45
Gene Alias	MGC11321
Gene Description	mitochondrial ribosomal protein L45
Gene Ontology	Hyperlink
Gene Summary	<p>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. Pseudogenes corresponding to this gene are found on chromosomes 2p and 17q. [provided by RefSeq]</p>
Other Designations	-