

MRPL49 Rabbit pAb

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Catalog # AP56838

Product Information

Application	WB
Primary Accession	Q13405
Reactivity	Human
Predicted	Rat, Mouse, Rabbit, Dog, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	19198
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human MRPL49
Epitope Specificity	81-166/166
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Mitochondrial
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	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. Pseudogenes corresponding to this gene are found on chromosomes 5q and 8p. [provided by RefSeq, May 2011]

Additional Information

Gene ID	740
Other Names	Large ribosomal subunit protein mL49, 39S ribosomal protein L49, mitochondrial, L49mt, MRP-L49, Neighbor of FAU, NOF, Protein NOF1, MRPL49, C11orf4, NOF1
Dilution	WB=1:500-2000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

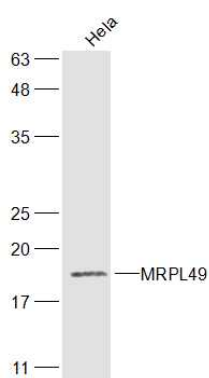
Protein Information

Name	MRPL49
Synonyms	C11orf4, NOF1
Cellular Location	Mitochondrion
Tissue Location	Ubiquitous.

Background

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Images



Sample:
Hela(Human) Cell Lysate at 30 ug
Primary: Anti-MRPL49 (AP56838) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 19 kD
Observed band size: 19 kD

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.