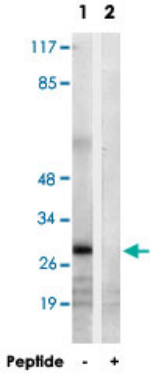
MRPL9 polyclonal antibody

Catalog # PAB17568 Size 100 ug

Applications



Western Blot (Cell lysate)

Western blot analysis of extracts from COLO 205 cells, using MRPL9 polyclonal antibody (Cat # PAB17568).
Peptide "+" means "with peptide blocking".

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of MRPL9.
Immunogen	A synthetic peptide corresponding to internal of human MRPL9.
Host	Rabbit
Reactivity	Human, Mouse, Rat
Specificity	This antibody detects endogenous levels of total MRPL9 protein.
Form	Liquid
Recommend Usage	Western Blot (1:500-1:1000) ELISA (1:5000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4 (150mM NaCl, 0.02% sodium azide, 50% glycerol)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.

Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

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- Enzyme-linked Immunoabsorbent Assay

Gene Info — MRPL9

Entrez GeneID	65005
Protein Accession#	Q9BYD2
Gene Name	MRPL9
Gene Alias	L9mt
Gene Description	mitochondrial ribosomal protein L9
Gene Ontology	Hyperlink
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 co mpared to prokaryotic ribosomes, where this ratio is reversed. Another difference between mam malian mitoribosomes and prokaryotic ribosomes is that the latter contain a 5S rRNA. Among diff erent species, the proteins comprising the mitoribosome differ greatly in sequence, and sometim es in biochemical properties, which prevents easy recognition by sequence homology. This gene encodes a 39S subunit protein. A pseudogene corresponding to this gene is found at 8q21.11. [p rovided by RefSeq
Other Designations	OTTHUMP00000015264

Disease

- Obesity