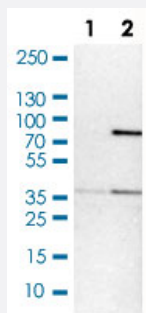


MRPL39 polyclonal antibody

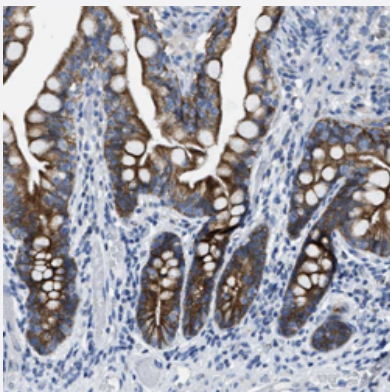
Catalog # PAB31602 Size 100 uL

Applications



Western Blot (Cell lysate)

Western Blot (Cell lysate) analysis of (1) NIH-3T3 cell lysate (Mouse embryonic fibroblast cells) and (2) NBT-II cell lysate (Rat Wistar bladder tumour cells).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human small intestine shows strong cytoplasmic positivity in glandular cells.

Specification

Product Description	Rabbit polyclonal antibody raised against partial recombinant human MRPL39.
Immunogen	Recombinant protein corresponding to human MRPL39.
Sequence	ERIVKLHRIGDFIDVSEGPLIPRTSICFQYEVS AVHNLQPTQPSLIRRFQGVSLPVHLRAHFTWDKLL ERSRKMVTEDQSKAT
Host	Rabbit
Reactivity	Human, Mouse, Rat

Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:20-50) Western Blot (1:100-250) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western Blot (Cell lysate) analysis of (1) NIH-3T3 cell lysate (Mouse embryonic fibroblast cells) and (2) NBT-II cell lysate (Rat Wistar bladder tumour cells).

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Gene Info — MRPL39

Entrez GeneID	54148
Protein Accession#	Q9NYK5
Gene Name	MRPL39
Gene Alias	C21orf92, FLJ20451, L39mt, MGC104174, MGC3400, MRP-L5, MRPL5, MSTP003, PRED22, PRED66, RPML5
Gene Description	mitochondrial ribosomal protein L39
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 39S subunit protein. Two transcript variants encoding distinct isoforms have been described. A pseudogene corresponding to this gene is found on chromosome 5q. [provided by RefSeq]

Other Designations

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