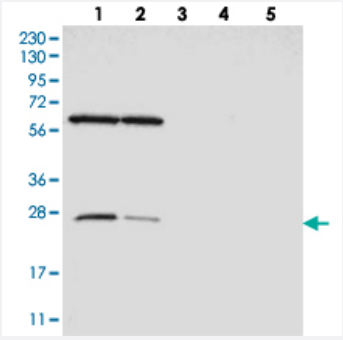
MRPS15 polyclonal antibody

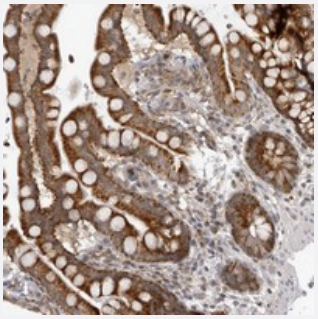
Catalog # PAB22111 Size 100 uL

Applications



Western Blot

Western blot analysis of Lane 1: RT-4, Lane 2: U-251 MG, Lane 3: Human Plasma, Lane 4: Liver, Lane 5: Tonsil with MRPS15 polyclonal antibody (Cat # PAB22111).



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

Immunohistochemical staining of human colon with MRPS15 polyclonal antibody (Cat # PAB22111) strong cytoplasmic positivity in glandular cells.

Specification

Product Description	Rabbit polyclonal antibody raised against recombinant MRPS15.
Immunogen	Recombinant protein corresponding to amino acids of human MRPS15.
Sequence	AKFPFNQWGLQPRSLLLQAARGYVVRKPAQSRLDDDPPPSTLLKDYQNVPGIEKVDDVVKRLLS LEMANKKE
Host	Rabbit
Reactivity	Human
Form	Liquid

Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:10-1:20) Western Blot (1:250-1:500) 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 shoul d be handled by trained staff only.

Applications

- Western Blot

  Western blot analysis of Lane 1: RT-4, Lane 2: U-251 MG, Lane 3: Human Plasma, Lane 4: Liver, Lane 5: Tonsil with MRPS15 polyclonal antibody (Cat # PAB22111).

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Gene Info — MRPS15

Entrez GeneID	64960
Protein Accession#	P82914
Gene Name	MRPS15
Gene Alias	DC37, FLJ11564, MPR-S15, RPMS15, S15mt
Gene Description	mitochondrial ribosomal protein S15
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 28S subunit protein that belongs to the ribosomal protein S15P family. The encoded p rotein is more than two times the size of its E. coli counterpart, with the 12S rRNA binding sites co nserved. Between human and mouse, the encoded protein is the least conserved among small su bunit ribosomal proteins. Pseudogenes corresponding to this gene are found on chromosomes 1 5q and 19q. [provided by RefSeq
Other Designations	28S ribosomal protein S15, mitochondrial|OTTHUMP00000009727