MRPS5 Antibody



PACO22421

Rabbit

Isotype:

lgG

Product Information

Size: Protein Background:

100ul Mammalian mitochondrial ribosomal proteins are encoded by nuclear genes and help

in protein synthesis within the mitochondrion. Mitochondrial ribosomes

Reactivity:

(mitoribosomes) consist of a small 295 subunit and a large 205 subunit

Human (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

Source: 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 28S subunit protein that belongs to the ribosomal

protein S5P family. Pseudogenes corresponding to this gene are found on

chromosomes 4q, 5q, and 18q.

Applications: Gene ID:

ELISA, IHC MRPS5

Recommended dilutions: Uniprot

ELISA:1:2000-1:10000, IHC:1:50-1:100 P82675

Synonyms:

Mitochondrial 28S ribosomal protein S5; S5mt; MRP-S5;

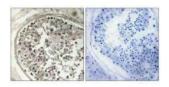
Immunogen:

Synthesized peptide derived from internal of human MRPS5.

Storage:

Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Product Images



Immunohistochemistry analysis of paraffin-embedded human testis tissue using MRPS5 antibody.