

MRP-L17 rabbit pAb

Cat No.: ES7139

For research use only

Overview

Product Name MRP-L17 rabbit pAb

Host species Rabbit
Applications IHC;IF;ELISA

Species Cross-Reactivity Human; Rat; Mouse;

Recommended dilutions Immunohistochemistry: 1/100 - 1/300. ELISA:

1/20000. Not yet tested in other applications.

Immunogen Synthesized peptide derived from MRP-L17 . at AA

range: 100-180

Specificity MRP-L17 Polyclonal Antibody detects endogenous

levels of MRP-L17 protein.

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and

0.02% sodium azide.

Storage Store at -20°C. Avoid repeated freeze-thaw cycles.

Protein Name 39S ribosomal protein L17 mitochondrial

Gene Name MRPL17

Cellular localization Mitochondrion .

Purification The antibody was affinity-purified from rabbit

antiserum by affinity-chromatography using

epitope-specific immunogen.

Clonality Polyclonal
Concentration 1 mg/ml
Observed band 20kD
Human Gene ID 63875
Human Swiss-Prot Number Q9NRX2

Alternative Names MRPL17; LIP2; 39S ribosomal protein L17;

mitochondrial; L17mt; MRP-L17; LYST-interacting

protein 2

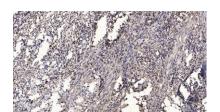
Background Mammalian mitochondrial ribosomal proteins are

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. [provided by RefSeq, Jul 2008],



Immunohistochemical analysis of paraffin-embedded human Gastric adenocarcinoma. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).



+86-27-59760950