

MRPL46 Rabbit pAb

Catalog No.: A15428

Basic Information

Observed MW

32kDa

Calculated MW

32kDa

Category

Primary antibody

Applications

WB, IHC-P, ELISA

Cross-Reactivity

Human, Mouse, Rat

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.

Recommended Dilutions

WB 1:200 - 1:2000

IHC-P 1:50 - 1:200

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

26589

Swiss Prot

Q9H2W6

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

LIECG2; P2ECSL; C15orf4; MRPL46

Contact

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Product Information

Source

Rabbit

Isotype

IgG

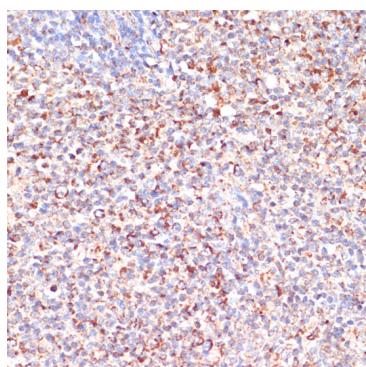
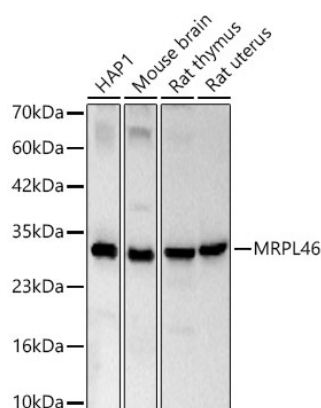
Purification

Affinity purification

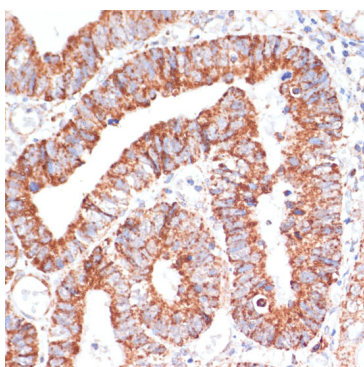
Storage

Store at -20°C

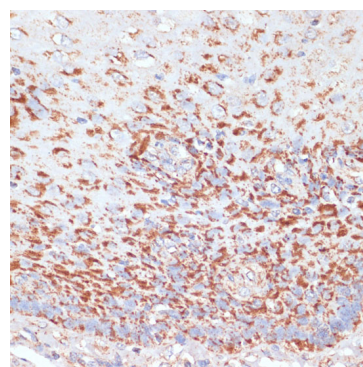
Validation Data



Immunohistochemistry analysis of paraffin-embedded Human lymph node using MRPL46 Rabbit pAb (A15428) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human colon carcinoma using MRPL46 Rabbit pAb (A15428) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human esophageal using MRPL46 Rabbit pAb (A15428) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.