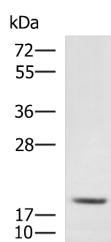


MRPL20 Polyclonal Antibody

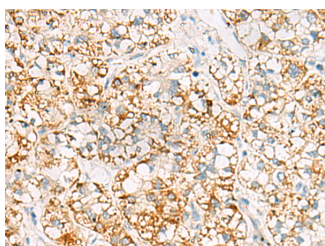
Catalog No.	E-AB-18777	Reactivity	H,M
Storage	Store at -20°C. Avoid freeze / thaw cycles.	Host	Rabbit
Applications	WB,IHC,ELISA	Isotype	IgG

Note: Centrifuge before opening to ensure complete recovery of vial contents.

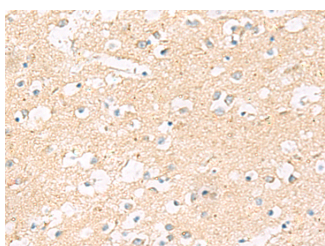
Images



Western blot analysis of RAW264.7 cell lysate using MRPL20 Polyclonal Antibody at dilution of 1:900



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using MRPL20 Polyclonal Antibody at dilution of 1:60(x200)



Immunohistochemistry of paraffin-embedded Human brain tissue using MRPL20 Polyclonal Antibody at dilution of 1:60(x200)

Immunogen Information

Immunogen	Fusion protein of human MRPL20
Gene Accession	BC009515
Swissprot	Q9BYC9
Synonyms	39S ribosomal protein L20,mitochondrial,L20mt,MGC4779,MGC74465,Mitochondrial ribosomal protein L20,MRPL 20

Product Information

Calculated MW	17 kDa
Observed MW	Refer to figures
Buffer	PBS with 0.05% NaN ₃ and 40% Glycerol,pH7.4
Purify	Antigen affinity purification
Dilution	WB 1:500-1:2000, IHC 1:50-1:200, ELISA 1:5000-1:10000

Background

MRPL20 is one of more than 70 protein components of mitochondrial ribosomes that are encoded by the nuclear genome. MRPL20 is a subunit of the 39S mitochondrial ribosome. 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.

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Applications:WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.