MRPL20 Polyclonal Antibody

catalog number: E-AB-18777

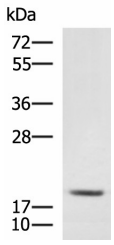
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human;Mouse
Immunogen	Fusion protein of human MRPL20
Host	Rabbit
Isotype	IgG
Purification	Antigen affinity purification
Conjugation	Unconjugated
buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.

Applications	Recommended Dilution
WB	1:500-1:2000
IHC	1:50-1:200

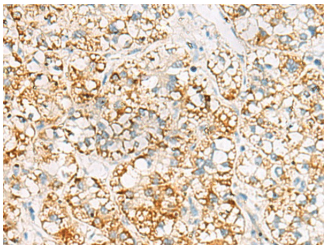
Data



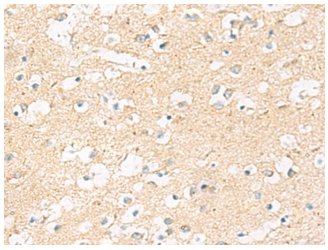
Western blot analysis of RAW264.7 cell lysate using MRPL20 Polyclonal Antibody at dilution of 1:900

Observed-MV:Refer to figures

Calculated-MV:17 kDa



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using MRPL20 Polyclonal Antibody at dilution of 1:60(×200)



Immunohistochemistry of paraffin-embedded Human brain tissue using MRPL20 Polyclonal Antibody at dilution of 1:60(×200)

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

Background

For Research Use Only

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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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