

MRP-L41 Polyclonal Antibody
Catalog # AP71046**Specification****MRP-L41 Polyclonal Antibody - Product Information**

Application	WB
Primary Accession	Q8IXM3
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal

MRP-L41 Polyclonal Antibody - Additional Information**Gene ID** 64975**Other Names**

MRPL41; BMRP; MRPL27; RPML27; PIG3; 39S ribosomal protein L41; mitochondrial; L41mt; MRP-L41; 39S ribosomal protein L27 homolog; Bcl-2-interacting mitochondrial ribosomal protein L41; Cell proliferation-inducing gene 3 protein; MRP-L27 homo

Dilution

WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/40000. Not yet tested in other applications.

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

MRP-L41 Polyclonal Antibody - Protein Information**Name** MRPL41**Synonyms** BMRP, MRPL27, RPML27**Function**

Component of the mitochondrial ribosome large subunit (PubMed:25278503, PubMed:25838379, PubMed:28892042, PubMed:35177605). Also involved in apoptosis and cell cycle (PubMed:16024796, PubMed:16256947). Enhances p53/TP53 stability, thereby contributing to p53/TP53-induced apoptosis in response to growth-inhibitory condition. Enhances p53/TP53 translocation to the mitochondria. Has the ability to arrest the cell cycle at the G1 phase, possibly by stabilizing the CDKN1A and CDKN1B (p27Kip1) proteins (PubMed:16024796).

Cellular Location

Mitochondrion

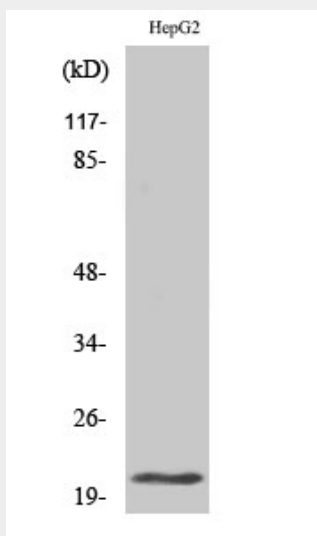
Tissue Location

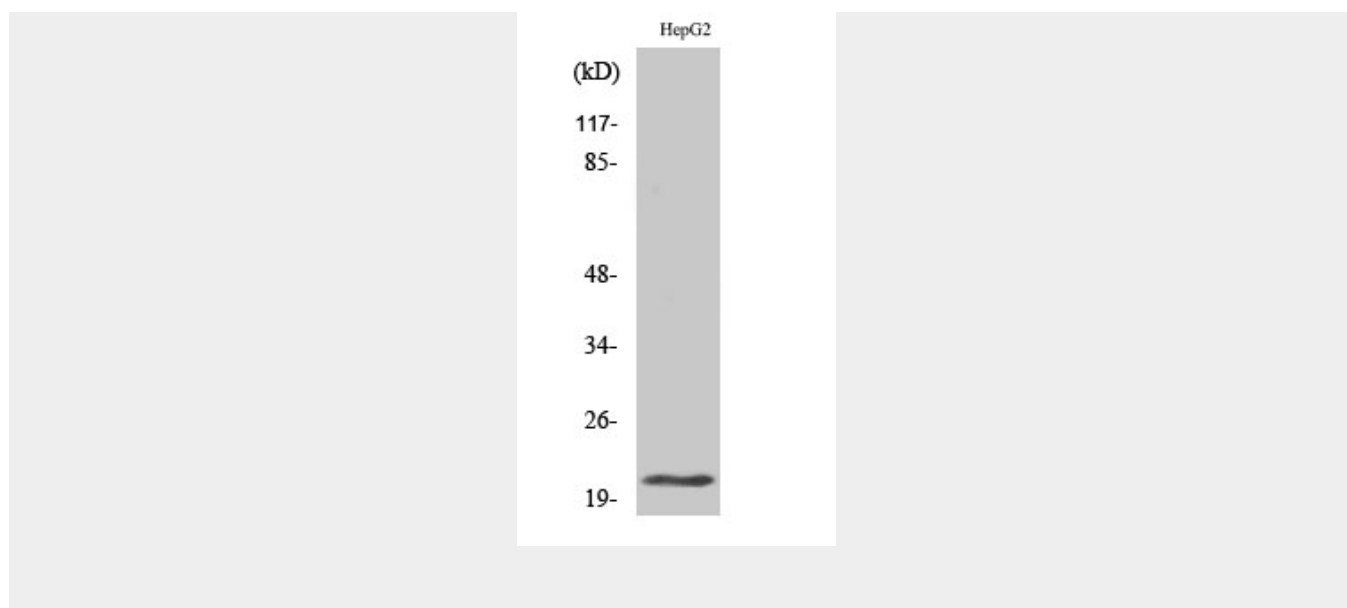
Present in kidney, liver, thymus and testis, and at lower level in brain and spleen (at protein level)

MRP-L41 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

MRP-L41 Polyclonal Antibody - Images



MRP-L41 Polyclonal Antibody - Background

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