

MRP-L18 Polyclonal Antibody
Catalog # AP71034**Specification**

MRP-L18 Polyclonal Antibody - Product Information

Application	WB
Primary Accession	Q9H0U6
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal

MRP-L18 Polyclonal Antibody - Additional Information**Gene ID** 29074**Other Names**

MRPL18; HSPC071; 39S ribosomal protein L18; mitochondrial; L18mt; MRP-L18

Dilution

WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/20000. 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-L18 Polyclonal Antibody - Protein Information**Name** MRPL18**Function**

Together with thiosulfate sulfurtransferase (TST), acts as a mitochondrial import factor for the cytosolic 5S rRNA. The precursor form shows RNA chaperone activity; is able to fold the 5S rRNA into an import-competent conformation that is recognized by rhodanese (TST). Both the cytoplasmic and mitochondrial forms are able to bind to the helix IV-loop D in the gamma domain of the 5S rRNA.

Cellular Location

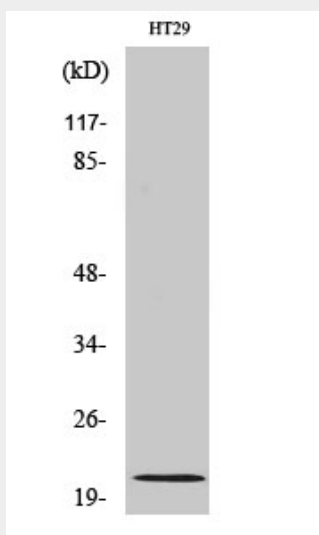
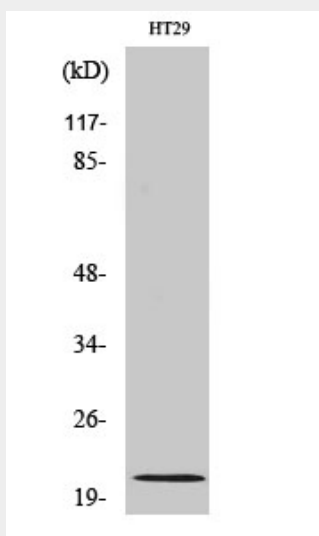
Mitochondrion

MRP-L18 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-L18 Polyclonal Antibody - Images



MRP-L18 Polyclonal Antibody - Background

Together with thiosulfate sulfurtransferase (TST), acts as a mitochondrial import factor for the cytosolic 5S rRNA. The precursor form shows RNA chaperone activity; is able to fold the 5S rRNA into an import-competent conformation that is recognized by rhodanese (TST). Both the cytoplasmic and mitochondrial forms are able to bind to the helix IV-loop D in the gamma domain of the 5S rRNA.