10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

MRP-L18 Polyclonal Antibody
Catalog # AP71034

Specification

MRP-L18 Polyclonal Antibody - Product Information

Application	**WB, IHC-P**
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.
IHC-P~~N/A

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

Storage Conditions
-20℃

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

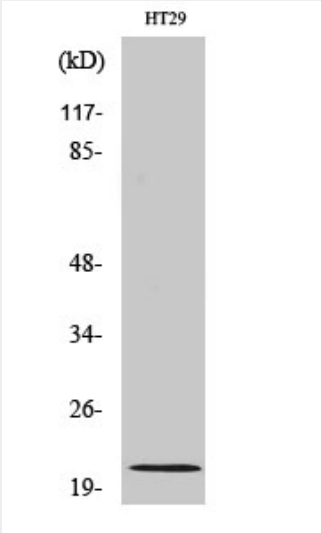
MRP-L18 Polyclonal Antibody - Protocols

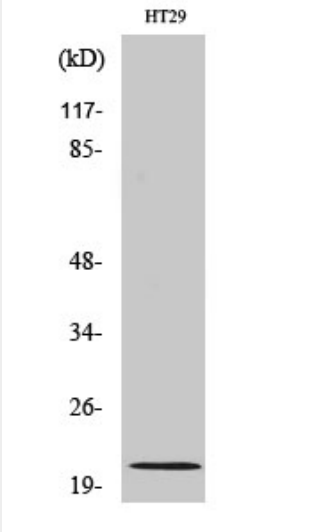
Provided below are standard protocols that you may find useful for product applications.

10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- 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.