

MRP-L12 Polyclonal Antibody
Catalog # AP71028**Specification**

MRP-L12 Polyclonal Antibody - Product Information

Application	WB
Primary Accession	P52815
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal

MRP-L12 Polyclonal Antibody - Additional Information**Gene ID** 6182**Other Names**

MRPL12; RPML12; 39S ribosomal protein L12; mitochondrial; L12mt; MRP-L12; 5c5-2

Dilution

WB~~Western Blot: 1/500 - 1/2000. 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-L12 Polyclonal Antibody - Protein Information**Name** MRPL12**Synonyms** MRPL7, RPML12**Function**

As a component of the mitochondrial large ribosomal subunit, plays a role in mitochondrial translation (PubMed:23603806). When present in mitochondria as a free protein not associated with the ribosome, associates with mitochondrial RNA polymerase POLRMT to activate transcription (PubMed:22003127). Required for POLRMT stability (PubMed:26586915).

Cellular Location

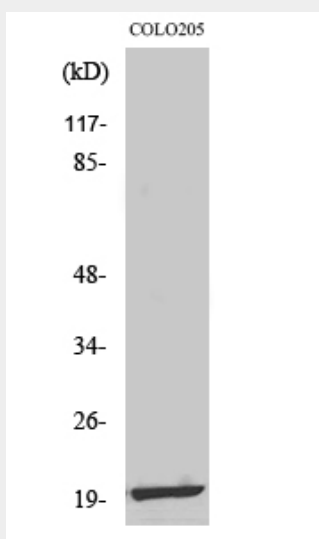
Mitochondrion matrix

MRP-L12 Polyclonal Antibody - Protocols

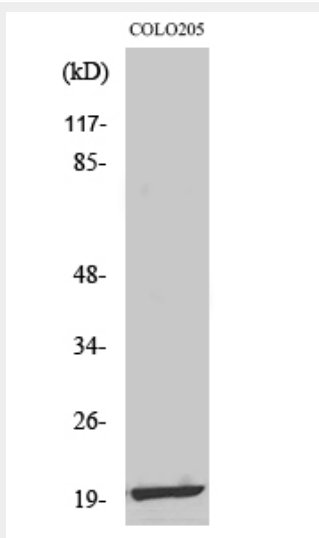
Provided below are standard protocols that you may find useful for product applications.

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

MRP-L12 Polyclonal Antibody - Images



Western Blot analysis of various cells using MRP-L12 Polyclonal Antibody



Western Blot analysis of various cells using MRP-L12 Polyclonal Antibody

MRP-L12 Polyclonal Antibody - Background

Associates with mitochondrial RNA polymerase to activate transcription.