

MRPL12 Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP51703**Specification**

MRPL12 Antibody - Product Information

Application	WB
Primary Accession	P52815
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	21 KDa
Antigen Region	11 - 70

MRPL12 Antibody - Additional Information**Gene ID** 6182**Other Names**

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

Target/Specificity

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human MRPL12. The exact sequence is proprietary.

Dilution

WB~~ 1:1000

Format

0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%

Storage

Store at -20 °C. Stable for 12 months from date of receipt

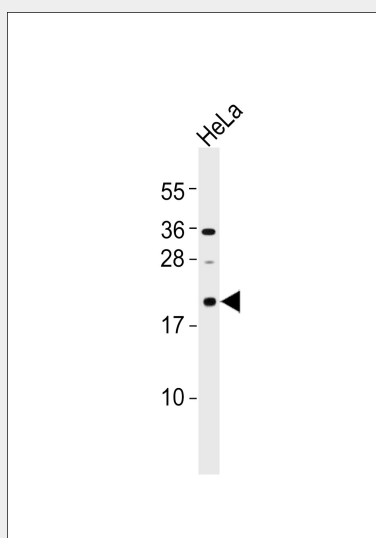
MRPL12 Antibody - Protein Information**Name** MRPL12**Synonyms** MRPL7, RPML12**Function**

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**MRPL12 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](#)

MRPL12 Antibody - Images

Anti-MRPL12 Antibody at 1:1000 dilution + HeLa whole cell lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 21 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

MRPL12 Antibody - References

- Marty L., et al. J. Biol. Chem. 271:11468-11476(1996).
Liu J., et al. Submitted (APR-1998) to the EMBL/GenBank/DDBJ databases.
Ma F.-R., et al. Submitted (NOV-1998) to the EMBL/GenBank/DDBJ databases.
Tang T., et al. J. Biol. Chem. 284:5414-5424(2009).
Burkard T.R., et al. BMC Syst. Biol. 5:17-17(2011).