

MRPL12 Antibody - middle region
Rabbit Polyclonal Antibody
Catalog # AI15277**Specification**

MRPL12 Antibody - middle region - Product Information

Application	WB
Primary Accession	P52815
Other Accession	NM_002949 , NP_002940
Reactivity	Human, Dog
Predicted	Human, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	21kDa KDa

MRPL12 Antibody - middle region - Additional Information**Gene ID** 6182

Alias Symbol **5c5-2, FLJ60124, L12mt, MGC8610, MRP-L31/34, MRPL7, MRPL7/L12, RPML12**

Other Names

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

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-MRPL12 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

MRPL12 Antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

MRPL12 Antibody - middle region - 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](http://www.uniprot.org/citations/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](http://www.uniprot.org/citations/22003127)). Required for POLRMT stability (PubMed: [22003127](#)).

href="http://www.uniprot.org/citations/26586915" target="_blank">26586915).

Cellular Location

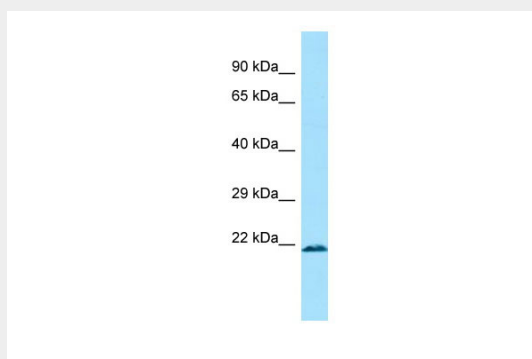
Mitochondrion matrix

MRPL12 Antibody - middle region - 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 - middle region - Images



WB Suggested Anti-MRPL12 Antibody Titration: 1.0 µg/ml
Positive Control: U937 Whole Cell

MRPL12 Antibody - middle region - 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).