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MRPL12 Antibody - middle region

Rabbit Polyclonal Antibody
Catalog # AI15277

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	21348

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.

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

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).

Images



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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.