

MRPL12 Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP51703

Product Information

Application	WB
Primary Accession	P52815
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	21348

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

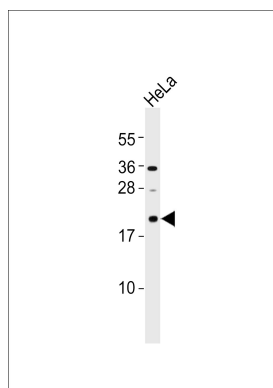
Protein Information

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



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.

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