


Product datasheet

Anti-MRPL12 antibody ab154961

4 Images

Overview

Product name	Anti-MRPL12 antibody
Description	Rabbit polyclonal to MRPL12
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P, ICC/IF
Species reactivity	Reacts with: Mouse, Human Predicted to work with: Cow 
Immunogen	Recombinant fragment corresponding to a region within amino acids 1-198 of MRPL12 (P52815).
Positive control	A431, H1299, HeLa, HepG2 and Mouse brain whole cell lysates; Human breast carcinoma tissue, HeLa cells.
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.00 Preservative: 0.01% Thimerosal (merthiolate) Constituents: 1.21% Tris, 0.75% Glycine, 20% Glycerol (glycerin, glycerine)
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our [Abpromise guarantee](#) covers the use of ab154961 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/500 - 1/3000. Predicted molecular weight: 21 kDa.
IHC-P		1/100 - 1/1000. Perform heat mediated antigen retrieval before commencing with IHC staining protocol using 10mM Citrate buffer (pH6.0) or Tris-EDTA buffer (pH8.0).
ICC/IF		1/100 - 1/1000.

Target

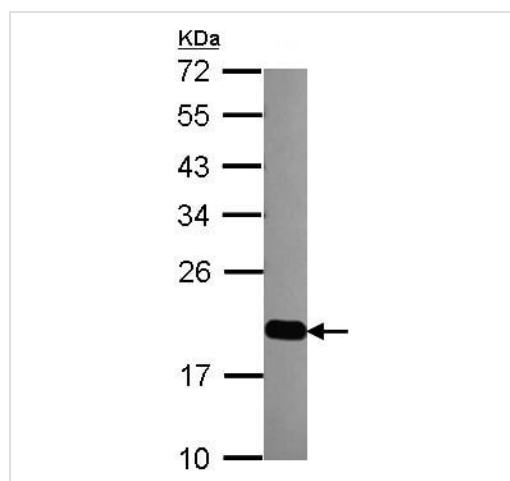
Sequence similarities

Belongs to the ribosomal protein L12P family.

Cellular localization

Mitochondrion.

Images

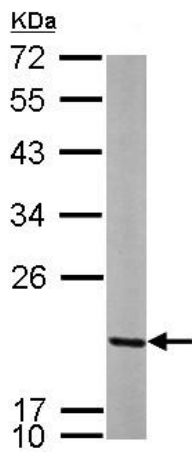


Western blot - Anti-MRPL12 antibody (ab154961)

Anti-MRPL12 antibody (ab154961) at 1/1000 dilution + A431 whole cell lysate at 30 µg

Predicted band size: 21 kDa

12% SDS PAGE

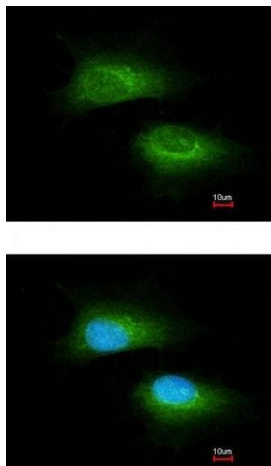


Western blot - Anti-MRPL12 antibody (ab154961)

Anti-MRPL12 antibody (ab154961) at 1/1000 dilution + Mouse brain whole cell lysate at 50 μ g

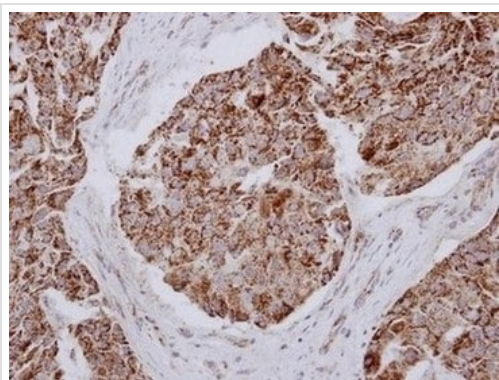
Predicted band size: 21 kDa

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Immunocytochemistry/ Immunofluorescence - Anti-MRPL12 antibody (ab154961)

Immunofluorescence analysis of methanol fixed HeLa cells labeling MRPL12 with ab154961 at 1/200. Lower panel shows costaining with Hoechst 33342.



Immunohistochemical analysis of paraffin embedded Human breast carcinoma tissue labeling MRPL12 with ab154961 at 1/250.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-MRPL12 antibody (ab154961)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
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- We investigate all quality concerns to ensure our products perform to the highest standards

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