

Product datasheet

Anti-MRPL52 antibody ab121366

4 Images

Overview

Product name	Anti-MRPL52 antibody
Description	Rabbit polyclonal to MRPL52
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P, ICC/IF
Species reactivity	Reacts with: Mouse, Rat, Human
Immunogen	Recombinant fragment, corresponding to amino acids 26-123 of Human MRPL52 (Q86TS9). Run BLAST with ExPASy Run BLAST with NCBI
Positive control	RT-4 and U-251 MG, NIH-3T3 and NBT-II cell lysates, Human pancreas tissue

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	pH: 7.20 Preservative: 0.02% Sodium azide Constituents: 59% PBS, 40% Glycerol
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab121366** in the following tested applications.

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

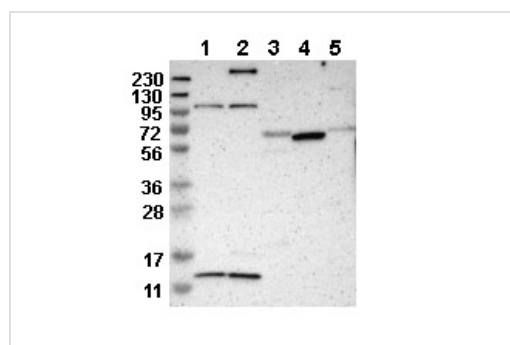
Application	Abreviews	Notes
WB		1/250 - 1/500. Predicted molecular weight: 14 kDa.
IHC-P		1/50 - 1/200. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

Application	Abreviews	Notes
ICC/IF		Use a concentration of 1 - 4 µg/ml. Recommend PFA Fixation and Triton X-100 treatment

Target

Cellular localization Mitochondrion.

Images



Western blot - Anti-MRPL52 antibody (ab121366)

All lanes : Anti-MRPL52 antibody (ab121366) at 1/250 dilution

Lane 1 : RT-4 cell lysate

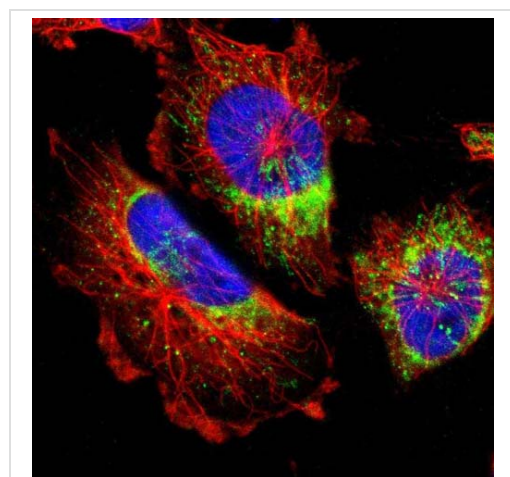
Lane 2 : U-251 MG cell lysate

Lane 3 : Human Plasma cell lysate

Lane 4 : Human Liver cell lysate

Lane 5 : Human Tonsil cell lysate

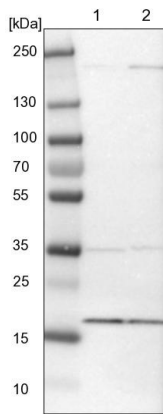
Predicted band size: 14 kDa



Immunocytochemistry/ Immunofluorescence - Anti-MRPL52 antibody (ab121366)

Immunofluorescent staining of Human cell line U-251MG shows positivity in nucleus but not nucleoli and mitochondria.

Recommended concentration of ab121366 1-4 µg/ml. Cells treated with PFA/Triton X-100.



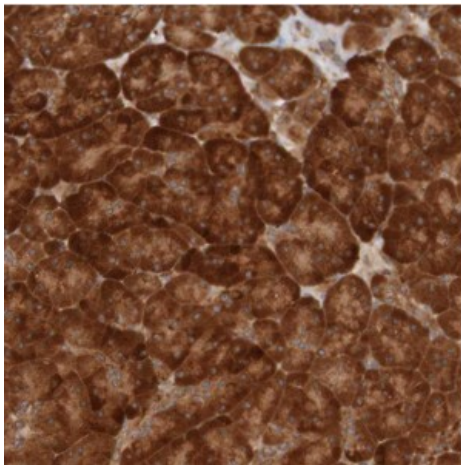
Western blot - Anti-MRPL52 antibody (ab121366)

All lanes : Anti-MRPL52 antibody (ab121366) at 1/250 dilution

Lane 1 : NIH3T3 cell lysate

Lane 2 : NBT-II cell lysate

Predicted band size: 14 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-MRPL52 antibody (ab121366)

Immunohistochemical analysis of paraffin embedded Human pancreas tissue labelling MRPL52 with ab121366 antibody at a dilution of 1/50.

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