

Product datasheet

Anti-MINA53 antibody ab50908

★★★★☆ 1 Abreviews 3 Images

Overview

Product name	Anti-MINA53 antibody
Description	Rabbit polyclonal to MINA53
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P, ELISA
Species reactivity	Reacts with: Human Predicted to work with: Cat, Pig
Immunogen	Synthetic peptide: MPKKAKPTGS GKEEGPAPCK QMKLEAAGGP SALNFDSPSS LFESLISPIK , corresponding to amino acids 1-50 of Human MINA53 Run BLAST with ExPASy Run BLAST with NCBI
Positive control	HepG2 cell lysate; human intestine tissue

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	Preservative: 0.09% Sodium azide Constituents: 2% Sucrose, PBS
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab50908** 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		Use a concentration of 0.25 µg/ml. Detects a band of approximately 30, 45 kDa (predicted molecular weight: 32, 53 kDa). Good results were obtained when blocked with 5% non-fat dry milk in 0.05% PBS-T.

Application	Abreviews	Notes
IHC-P	★★★★☆	Use a concentration of 4 - 8 µg/ml.
ELISA		Use at an assay dependent concentration.

Target

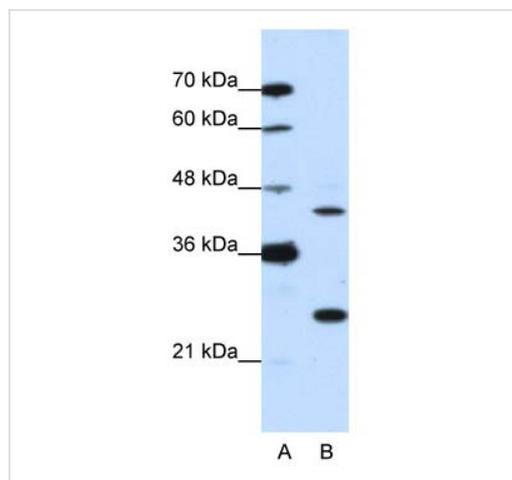
Function Involved in cellular proliferation. May play an important role in cell growth and survival. May be involved in ribosome biogenesis, most likely during the assembly process of pre-ribosomal particles.

Tissue specificity Expressed in liver, skeletal muscle, heart, pancreas, and placenta. Not detected in brain, lung or kidney. Expressed in several lung cancer tissues, but is barely detected in the adjacent non-cancerous tissues. Also highly expressed in several esophageal squamous cell carcinoma (ESCC), and colon cancer tissues, and in various cancer cell lines.

Sequence similarities Belongs to the MINA53/NO66 family.
Contains 1 JmjC domain.

Cellular localization Nucleus. Nucleus > nucleolus.

Images



Western blot - Anti-MINA53 antibody (ab50908)

Anti-MINA53 antibody (ab50908) at 1.25 µg/ml + HepG2 cell Lysate (10µg)

Secondary

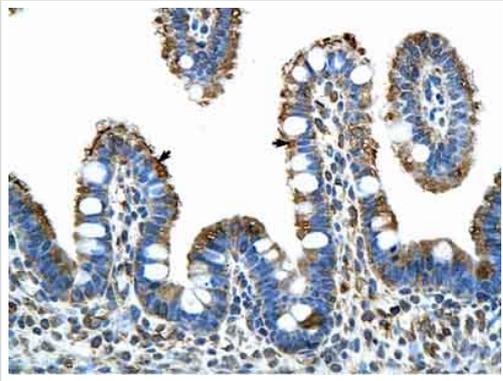
HRP conjugated anti-Rabbit IgG at 1/50000 dilution

Predicted band size: 32, 53 kDa

Observed band size: 30,45 kDa

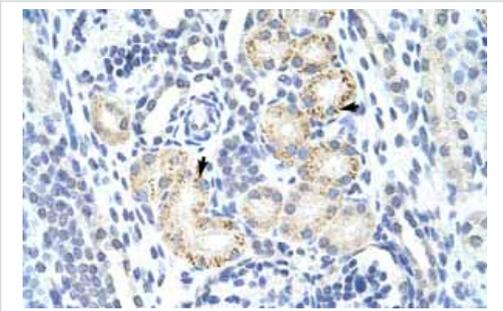
[why is the actual band size different from the predicted?](#)

Gel concentration 12%. We believe the two bands observed correspond to isoforms A and B of human MINA.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-MINA53 antibody (ab50908)

ab50908 at a concentration of 4-8 μ g/ml positively labelling epithelial cells of human intestinal villus(indicated by arrows) in paraffin-embedded tissue. Magnification 400X



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-MINA53 antibody (ab50908)

Immunohistochemistry of Human kidney lysate tissue at an antibody concentration of 4-8 μ g/ml using anti-MINA antibody (ab50908)

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