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MINA Antibody - C-terminal region
Rabbit Polyclonal Antibody
Catalog # AI10004

Specification

MINA Antibody - C-terminal region - Product Information

Application	**WB**
Primary Accession	Q8IUF8
Other Accession	Q8IUF8-3, NP_694822, NM_153182
Reactivity	**Human, Rat, Rabbit, Pig, Dog**
Predicted	**Human, Rat, Rabbit, Dog**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**23 kDa KDa**

MINA Antibody - C-terminal region - Additional Information

Gene ID 84864

Alias Symbol	**MDIG, MINA53, NO52**

Other Names
Bifunctional lysine-specific demethylase and histidyl-hydroxylase MINA, 11411-, 60S ribosomal protein L27a histidine hydroxylase, Histone lysine demethylase MINA, MYC-induced nuclear antigen, Mineral dust-induced gene protein, Nucleolar protein 52, Ribosomal oxygenase MINA, ROX, MINA (HGNC:19441)

Target/Specificity
MINA is a c-Myc target gene that may play a role in cell proliferation or regulation of cell growth.

Format
Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage
Add 50 ul, l of distilled water. Final Anti-MINA 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
MINA Antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

MINA Antibody - C-terminal region - Protein Information

Name RIOX2 (HGNC:19441)

Function
Oxygenase that can act as both a histone lysine demethylase and a ribosomal histidine hydroxylase. Is involved in the demethylation of trimethylated 'Lys-9' on histone H3 (H3K9me3),

leading to an increase in ribosomal RNA expression. Also catalyzes the hydroxylation of 60S ribosomal protein L27a on 'His-39'. 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.

Cellular Location
Nucleus. Nucleus, nucleolus

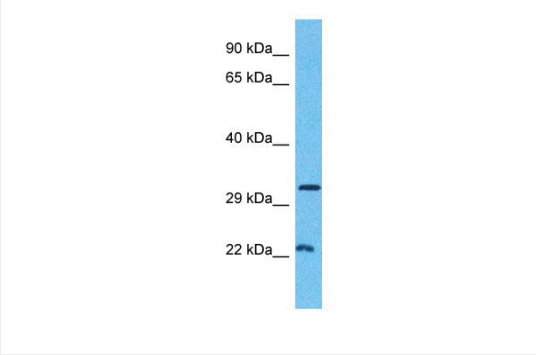
Tissue Location
Expressed in liver, skeletal muscle, heart, pancreas, and placenta. Not detected in brain, lung or kidney Expressed in several lung cancer tissues, but is barely detected in the adjacent non-cancerous tissues. Also highly expressed in several esophageal squamous cell carcinoma (ESCC),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

MINA Antibody - C-terminal region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

MINA Antibody - C-terminal region - Images



MINA Antibody - C-terminal region (AI10004) in Human Breast Tumor cells using Western Blot
Host: Rabbit
Target Name: MINA
Sample Tissue: Breast Tumor lysates
Antibody Dilution: 1.0µg/ml

MINA Antibody - C-terminal region - Background

This is a rabbit polyclonal antibody against MINA. It was validated on Western Blot by Abgent. At Abgent we manufacture rabbit polyclonal antibodies on a large scale (200-1000 products/month) of high throughput manner. Our antibodies are peptide based and protein family oriented. We usually provide antibodies covering each member of a whole protein family of your interest. We also use our best efforts to provide you antibodies recognize various epitopes of a target protein. For availability of antibody needed for your experiment, please inquire (sales@abgent.com).