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MINA Antibody - C-terminal region

Rabbit Polyclonal Antibody
Catalog # AI10004

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	52800

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.

Protein Information

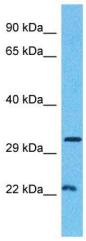
Name	RIOX2 (HGNC:19441)
Function	Oxygenase that can act as both a histone lysine demethylase and a ribosomal histidine hydroxylase. Is involved in the demethylation of trimethylated 'Lys-9' on histone H3 (H3K9me3), leading to an increase in ribosomal RNA expression. Also catalyzes the hydroxylation of 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.

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).

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: 1.0 µg/ml