

Anti-MINA RIOX2 Antibody

Catalog Number: A32122

About MINA

MINA is nuclear localized, myc-inducible protein that is thought to play a role in mammalian cell proliferation. Treatment of cancer cells lines such as the colon cancer cell line SW680 with siRNA against MINA inhibits cell growth, demonstrating that MINA may be a potential therapeutic target. MINA regulates several genes related to cell adhesion and metabolism that have also been shown to be regulated by c-Myc, but also regulates other genes whose expression are not modulated by c-Myc such as EGFR, IL-6 and HGF. MINA has also been found to act as a repressor to IL-4 expression in T cells, indicating that it may also play a role in T cell differentiation and genetic variation in T helper type 2 bias.

Overview

Product Name	Anti-MINA RIOX2 Antibody
Reactive Species	Human, Mouse
Description	Boster Bio Anti-MINA RIOX2 Antibody (Catalog # A32122). Tested in ELISA, WB, IHC-P, IF applications. This antibody reacts with Human, Mouse.
Application	ELISA, IF, IHC-P, WB
Clonality	Polyclonal Clone: SK7
Formulation	MINA Antibody is supplied in PBS containing 0.02% sodium azide.
Storage Instructions	MINA antibody can be stored at 4°C for three months and -20°C, stable for up to one year. Avoid repeated freeze-thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
Host	Rabbit
Uniprot ID	Q8IUF8

Technical Details

Immunogen	MINA antibody was raised against a 15 amino acid synthetic peptide near the amino terminus of human MINA. The immunogen is located within amino acids 380 - 430 of MINA.
Predicted Reactive Species	Bovine, Rat
Cross Reactivity	It is predicted to not cross-react with other members of the cavin family.
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	MINA Antibody is affinity chromatography purified via peptide column.

Suggested Dilutions

Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.

If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.

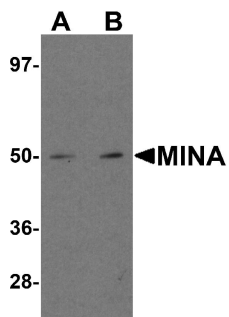
Some PubMed article(s) citing the expression level of this target are as follows:

Boster Bio's internal QC testing used:

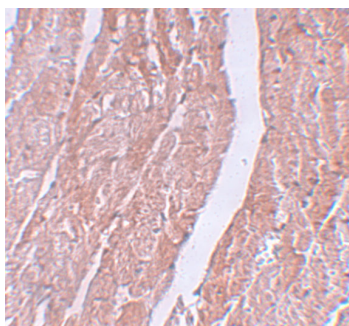
MINA antibody can be used for detection of MINA by Western blot at 1 - 2 ug/mL. Antibody can also be used for immunohistochemistry starting at 5 ug/mL. For immunofluorescence start at 20 ug/mL.

Antibody validated: Western Blot in human samples; Immunohistochemistry in mouse samples and Immunofluorescence in mouse samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

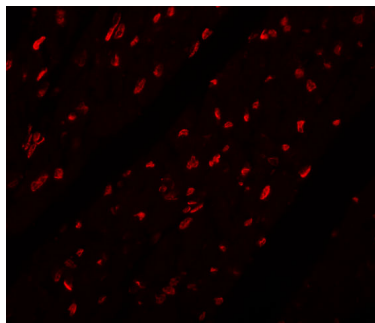
Anti-MINA RIOX2 Antibody (A32122) Images



Western blot analysis of MINA in human heart tissue lysate with MINA antibody at (A) 1 and (B) 2 ug/mL.



Immunohistochemistry of MINA in mouse heart tissue with MINA antibody at 5 ug/mL.



Immunofluorescence of MINA in mouse heart tissue with MINA antibody at 20 ug/mL.

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