BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

# 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.

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## 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 |
| Formulation | MINA Antibody is supplied in PBS containing ≤0.09% sodium azide. |
| Storage Instructions | MINA antibody can be stored at 4°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

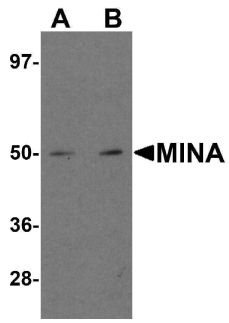
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| Immunogen | MINA antibody was raised against a 15 amino acid synthetic peptide near the amino terminus of human MINA. The immunogen is located within amino acids 380 - 430 of MINA. |
| Predicted Reactive Species | Bovine, Rat |
| Isotype | IgG |

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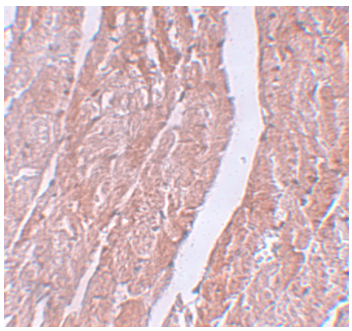
| | |
|---|---|
| Form | Liquid |
| Concentration | 1 mg/mL |
| Purification | MINA Antibody is affinity chromatography purified via peptide column. |
| Suggested Dilutions | MINA antibody can be used for detection of MINA by Western blot at 1 - 2 ug/mL. Antibody can also be used for immunohistochemistry 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. |

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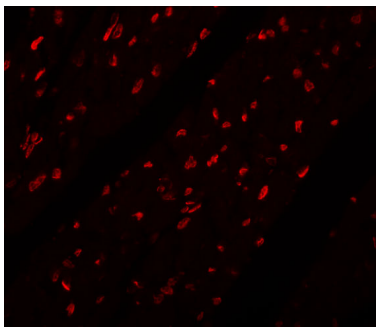
# Anti-MINA RIOX2 Antibody (A32122) Images




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.

Anti-MINA RIOX2 Antibody

For Research Use Only. Not for use in diagnostic procedures.