

## Rabbit anti-Human MINA Polyclonal Antibody | anti-MINA antibody

MINA Antibody (C-term)

|                               |                       |                            |                                                                  |
|-------------------------------|-----------------------|----------------------------|------------------------------------------------------------------|
| CATALOG #<br><b>AAA287709</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Immunohistochemistry, ELISA, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------|------------------------------------------------------------------|

### PRODUCT SYNONYMS

MINA; Polyclonal Antibody; MINA Antibody (C-term); 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); anti-MINA antibody

### PRODUCT SPECIFICATIONS

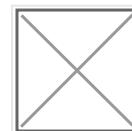
|                                                |                                                                                                                                                                                           |
|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                                                                                    |
| Reactivity                                     | Human                                                                                                                                                                                     |
| Clonality                                      | Polyclonal                                                                                                                                                                                |
| Isotype                                        | Rabbit Ig                                                                                                                                                                                 |
| Specificity                                    | This MINA antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 397-429 amino acids from the C-terminal region of human MINA.                      |
| Purity/Purification                            | Purified Rabbit Polyclonal Antibody (Pab)                                                                                                                                                 |
| Form/Format                                    | Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS. |
| Concentration                                  | Vial Concentration: 2 (varies by lot)                                                                                                                                                     |
| Sequence Positions                             | 397-429                                                                                                                                                                                   |
| Sequence Length                                | 464                                                                                                                                                                                       |
| Applicable Applications for anti-MINA antibody | IHC (Immunohistochemistry), ELISA, WB (Western Blot)                                                                                                                                      |
| Antigen Type                                   | Synthetic Peptide                                                                                                                                                                         |
| Antigen Source                                 | HUMAN                                                                                                                                                                                     |
| Preparation and Storage                        | Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.                                    |

### IMAGES



#### WB (Western Blot)

Western blot analysis of MINA (arrow) using rabbit polyclonal MINA Antibody (C-term). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the MINA gene.



#### IHC (Immunohistochemistry)

Formalin-fixed and paraffin-embedded human hepatocarcinoma tissue reacted with MINA (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



#### WB (Western Blot)

Western blot analysis of anti-MINA (C-term) Pab pre-incubated with and without blocking peptide (BP) in Jurkat cell line lysate. MINA(C-term)(arrow) was detected using the purified Pab.

### ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                             |
|----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-MINA antibody | MINA protein is directly involved in ribosome biogenesis, most likely during the assembly process of preribosomal particles. This protein is also involved in cell proliferation. MINA may have a role in esophageal squamous cell carcinoma, colon cancer and lung cancer. |
| References                                         | Eilbracht, J., et al., Mol. Biol. Cell 15(4):1816-1832 (2004). Teye, K., et al., Am. J. Pathol. 164(1):205-216 (2004). Tsuneoka, M., et al., J. Biol. Chem. 277(38):35450-35459 (2002).                                                                                     |

### NCBI AND UNIPROT INFORMATION

|                                  |                                                                                  |
|----------------------------------|----------------------------------------------------------------------------------|
| NCBI GI #                        | 110227619                                                                        |
| NCBI GeneID                      | 84864                                                                            |
| NCBI Accession #                 | NP_001035998.1; NP_001248758.1; NP_116167.3; NP_694822.2                         |
| NCBI GenBank Nucleotide #        | NM_001042533.2                                                                   |
| UniProt Accession #              | Q8IUF8; Q6AHW4; Q6SKS0; Q8IU69; Q8IUF6; Q8IUF7; Q96C17; Q96KB0; D3DN35           |
| Molecular Weight                 | 52800                                                                            |
| NCBI Official Full Name          | bifunctional lysine-specific demethylase and histidyl-hydroxylase MINA isoform a |
| NCBI Official Synonym Full Names | MYC induced nuclear antigen                                                      |
| NCBI Official Symbol             | MINA                                                                             |
| NCBI Official Synonym Symbols    | ROX; MDIG; NO52; MINA53                                                          |
| NCBI Protein Information         | bifunctional lysine-specific demethylase and histidyl-hydroxylase MINA           |
| UniProt Protein Name             | Bifunctional lysine-specific demethylase and histidyl-hydroxylase MINA           |
| UniProt Gene Name                | <b>MINA</b>                                                                      |
| UniProt Synonym Gene Names       | ROX                                                                              |
| UniProt Entry Name               | MINA_HUMAN                                                                       |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/mina-antibody-immunohistochemistry-western-blot-elisa/287709>