

## Rabbit MAK10 Polyclonal Antibody | anti-MAK10 antibody

MAK10 Antibody

|                              |                       |                                        |                                                                  |
|------------------------------|-----------------------|----------------------------------------|------------------------------------------------------------------|
| CATALOG #<br><b>AAA40292</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot, ELISA</b> |
|------------------------------|-----------------------|----------------------------------------|------------------------------------------------------------------|

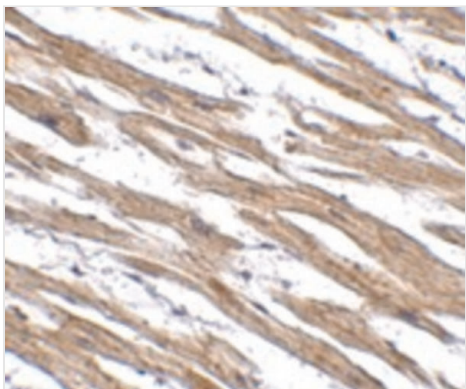
### PRODUCT SYNONYMS

MAK10; Polyclonal Antibody; MAK10 Antibody; EGAP; MAK10P; bA379P1.1; N-alpha-acetyltransferase 35; NatC auxiliary subunit; Embryonic growth-associated protein homolog; MAK10 homolog; amino-acid N-acetyltransferase subunit (S. cerevisiae); anti-MAK10 antibody

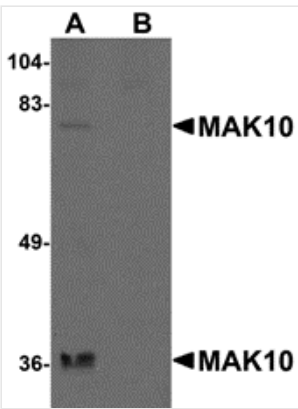
### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                                                                                                                                                             |
|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                                                                                                                                                      |
| Reactivity                                      | Human, Mouse, Rat                                                                                                                                                                                                                                           |
| Clonality                                       | Polyclonal                                                                                                                                                                                                                                                  |
| Isotype                                         | IgG                                                                                                                                                                                                                                                         |
| Purity/Purification                             | MAK10 Antibody is affinity chromatography purified via peptide column.                                                                                                                                                                                      |
| Form/Format                                     | Liquid                                                                                                                                                                                                                                                      |
| Concentration                                   | 1 mg/mL (varies by lot)                                                                                                                                                                                                                                     |
| Sequence Length                                 | 725                                                                                                                                                                                                                                                         |
| Applicable Applications for anti-MAK10 antibody | IHC (Immunohistochemistry), WB (Western Blot), ELISA                                                                                                                                                                                                        |
| Conjugate                                       | Unconjugated                                                                                                                                                                                                                                                |
| Immunogen                                       | MAK10 antibody was raised against a 19 amino acid synthetic peptide near the amino terminus of human MAK10.                                                                                                                                                 |
| Buffer                                          | MAK10 Antibody is supplied in PBS containing 0.02% sodium azide.                                                                                                                                                                                            |
| Preparation and Storage                         | MAK10 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures. |

IMAGES



**IHC (Immunohiostchemistry)**  
Immunohistochemistry of MAK10 in human heart tissue with MAK10 antibody at 2.5 &#956;g/mL.



**WB (Western Blot)**  
Western blot analysis of MAK10 in rat heart tissue lysate with MAK10 antibody at 1 &#956;g/mL in the (A) absence and (B) presence of blocking peptide.

ADDITIONAL INFORMATION

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| <b>Related Product Information for anti-MAK10 antibody</b> | MAK10 Antibody: The MAK10 gene encodes a 733-amino acid protein with several regions of similarity to T cell receptor alpha-subunit V (variable) regions in yeast. The mammalian homologue of yeast MAK10, also known as EGAP, is one subunit of a novel N-terminal acetyltransferase (NAT) that is highly conserved among vertebrate species. It is expressed in a variety of tissues in the developing rat embryo but restricted in expression in the adult, remaining detectable only in tissues undergoing continual cell renewal or in cells responding to pathological injury. The MAK10-NAT complex is an essential regulatory enzyme controlling the function of a subset of proteins required for embryonic growth control and vessel development. This complex functionally co-assembles in mammalian cells to regulate cell proliferation and is essential for embryonic development, at least in part through the regulation of target of rapamycin (TOR) signaling events. At least two isoforms of MAK10 are known to exist. |
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NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                                        |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 145275204                                                                                                                                                                                                              |
| NCBI GeneID                      | 60560                                                                                                                                                                                                                  |
| NCBI Accession #                 | NP_078911                                                                                                                                                                                                              |
| NCBI GenBank Nucleotide #        | NM_024635.3                                                                                                                                                                                                            |
| UniProt Accession #              | Q5VZE5; Q5VZE6; Q9H631; Q9H703                                                                                                                                                                                         |
| Molecular Weight                 | 33,165 Da                                                                                                                                                                                                              |
| NCBI Official Full Name          | N-alpha-acetyltransferase 35, NatC auxiliary subunit                                                                                                                                                                   |
| NCBI Official Synonym Full Names | N(alpha)-acetyltransferase 35, NatC auxiliary subunit                                                                                                                                                                  |
| NCBI Official Symbol             | NAA35                                                                                                                                                                                                                  |
| NCBI Official Synonym Symbols    | EGAP; MAK10; MAK10P; bA379P1.1                                                                                                                                                                                         |
| NCBI Protein Information         | N-alpha-acetyltransferase 35, NatC auxiliary subunit; protein MAK10 homolog; corneal wound healing-related protein; embryonic growth-associated protein homolog; MAK10 homolog, amino-acid N-acetyltransferase subunit |
| UniProt Protein Name             | N-alpha-acetyltransferase 35, NatC auxiliary subunit                                                                                                                                                                   |
| UniProt Gene Name                | NAA35                                                                                                                                                                                                                  |
| UniProt Synonym Gene Names       | EGAP; MAK10                                                                                                                                                                                                            |
| UniProt Entry Name               | NAA35_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://www.aaabiotech.com/polyclonal/mak10-antibody-immunohistochemistry-western-blot-elisa/40292>