

**MAK10 antibody**  
**Rabbit Polyclonal Antibody**  
**Catalog # ABV10105****Specification**

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**MAK10 antibody - Product Information**

Application	WB
Primary Accession	<a href="#">Q6DKG0</a>
Reactivity	Human, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	83210

**MAK10 antibody - Additional Information****Gene ID** 64472

Positive Control	Rat kidney tissue lysate
Application & Usage	Western blotting (2-4 µg/ml). However, the optimal conditions should be determined individually.

**Other Names**

Corneal wound-healing-related protein, Embryonic growth-associated protein, Protein MAK10 homolog

**Target/Specificity**

MAK10

**Antibody Form**

Liquid

**Appearance**

Colorless liquid

**Formulation**

100 µg (0.5 mg/ml) affinity purified rabbit anti-MAK10 polyclonal antibody in phosphate buffered saline (PBS), pH 7.2, containing 30% glycerol, 0.5% BSA, 5 mM EDTA and 0.01% thimerosal.

**Handling**

The antibody solution should be gently mixed before use.

**Reconstitution & Storage**

-20 °C

**Background Descriptions****Precautions**

MAK10 antibody is for research use only and not for use in diagnostic or therapeutic procedures.

## MAK10 antibody - Protein Information

**Name** Naa35

**Synonyms** Egap, Emb8, Mak10

### Function

Auxillary component of the N-terminal acetyltransferase C (NatC) complex which catalyzes acetylation of N-terminal methionine residues. Involved in regulation of apoptosis and proliferation of smooth muscle cells.

### Cellular Location

Cytoplasm.

### Tissue Location

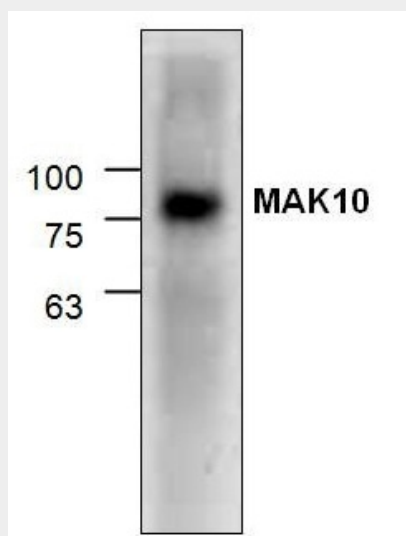
Expressed in primary spermatocytes, basal epidermis, interstitial fibroblasts of skeletal muscle, and intestinal crypts.

## MAK10 antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## MAK10 antibody - Images



Western blot analysis of MADK10 using rat kidney tissue lysate

**MAK10 antibody - Background**

MAK10 protein regulates the proliferation of smooth muscle cells. 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.