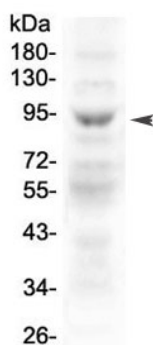


## MAP3K20 Antibody (RQ4056)

| Catalog No. | Formulation                                           | Size   |
|-------------|-------------------------------------------------------|--------|
| RQ4056      | 0.5mg/ml if reconstituted with 0.2ml sterile DI water | 100 ug |

**Bulk quote request**

|                             |                                                                   |
|-----------------------------|-------------------------------------------------------------------|
| <b>Availability</b>         | 1-3 business days                                                 |
| <b>Species Reactivity</b>   | Mouse                                                             |
| <b>Predicted Reactivity</b> | Human                                                             |
| <b>Format</b>               | Antigen affinity purified                                         |
| <b>Clonality</b>            | Polyclonal (rabbit origin)                                        |
| <b>Isotype</b>              | Rabbit IgG                                                        |
| <b>Purity</b>               | Antigen affinity purified                                         |
| <b>Buffer</b>               | Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide |
| <b>UniProt</b>              | Q9NYL2                                                            |
| <b>Applications</b>         | Western Blot : 0.5-1ug/ml<br>Direct ELISA : 0.1-0.5ug/ml          |
| <b>Limitations</b>          | This MAP3K20 antibody is available for research use only.         |



Western blot testing of mouse thymus lysate with MAP3K20 antibody at 0.5ug/ml. Predicted molecular weight ~91 kDa.

## Description

Sterile alpha motif and leucine zipper containing kinase AZK, also known as ZAK, is a human gene. This gene is a member of the MAPKKK family of signal transduction molecules and encodes a protein with an N-terminal kinase catalytic domain,

followed by a leucine zipper motif and a sterile-alpha motif (SAM). This magnesium-binding protein forms homodimers and is located in the cytoplasm. The protein mediates gamma radiation signaling leading to cell cycle arrest and activity of this protein plays a role in cell cycle checkpoint regulation in cells. The protein also has pro-apoptotic activity. Alternate transcriptional splice variants, encoding different isoforms, have been characterized.

## Application Notes

Optimal dilution of the MAP3K20 antibody should be determined by the researcher.

## Immunogen

A recombinant human partial protein corresponding to amino acids F276-E511 was used as the immunogen for the MAP3K20 antibody.

## Storage

After reconstitution, the MAP3K20 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.