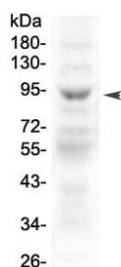


MAP3K20 Antibody (RQ4056)

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

Bulk quote request

Availability	1-3 business days
Species Reactivity	Mouse
Predicted Reactivity	Human
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
UniProt	Q9NYL2
Applications	Western Blot : 0.5-1ug/ml Direct ELISA : 0.1-0.5ug/ml
Limitations	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 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.