
Product Name: MAPKAPK-2 Rabbit Monoclonal Antibody**Catalog #: AMRe21096**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,ICC/IF,ELISA,IP
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG,Kappa
Clonality	Monoclonal
Form	Liquid
Concentration	0.3mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%protective protein
Purification	Protein A

Application

Dilution Ratio	WB 1:2000-1:10000,ICC/IF 1:200-1:1000,ELISA 1:5000-1:20000,IP 1:50-1:200
Molecular Weight	Calculated MW:46kD;Observed MW:46,55kD

Antigen Information

Gene Name	MAPKAPK2
Alternative Names	MAPKAPK2;MAP kinase-activated protein kinase 2;MAPK-activated protein kinase 2;MAPKAP kinase 2;MAPKAP-K2;MAPKAPK-2;MK-2;MK2
Gene ID	9261.0
SwissProt ID	P49137
Immunogen	A synthetic peptide of human MK2

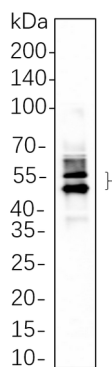
Background

Cell localization: Cytoplasm . Nucleus . Phosphorylation and subsequent activation releases the autoinhibitory helix, resulting in the export from the nucleus into the cytoplasm..This gene encodes a member of the Ser/Thr protein kinase family. This kinase is

regulated through direct phosphorylation by p38 MAP kinase. In conjunction with p38 MAP kinase, this kinase is known to be involved in many cellular processes including stress and inflammatory responses, nuclear export, gene expression regulation and cell proliferation. Heat shock protein HSP27 was shown to be one of the substrates of this kinase in vivo. Two transcript variants encoding two different isoforms have been found for this gene. [provided by RefSeq, Jul 2008],

Research Area

Image Data



Rat heart whole cell lysates were separated by 10% SDS-PAGE, and the membrane was blotted with MAPKAPK-2 Rabbit Monoclonal Antibody(1:1000). The HRP-conjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody.