

MAPKAPK-2/MK2 Rabbit mAb

Catalog No.: A22183 **Recombinant**

Basic Information

Observed MW

47kDa

Calculated MW

46kDa

Category

Primary antibody

Applications

ELISA, WB

Cross-Reactivity

Human, Mouse, Rat

CloneNo number

ARC55427

Background

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.

Recommended Dilutions

WB 1:1000 - 1:5000

Immunogen Information

Gene ID

9261

Swiss Prot

P49137

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 300-400 of human MAPKAPK-2/MK2 (NP_116584.2).

Synonyms

MK2; MK-2; MAPKAP-K2; MAPKAPK-2/MK2

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

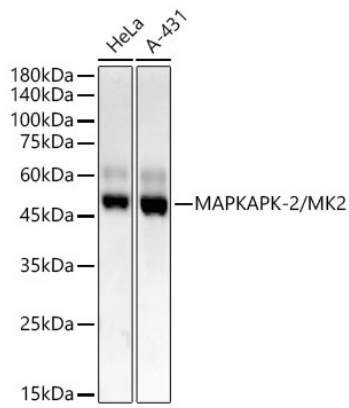
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of extracts of various lysates, using MAPKAPK-2/MK2 antibody (A22183) at 1:2000 dilution.

Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 30s.