

[KO Validated] MAP3K1 Rabbit pAb

Catalog No.: A18041 **KO Validated**

Basic Information

Observed MW

164kDa

Calculated MW

164kDa

Category

Primary antibody

Applications

ELISA, WB

Cross-Reactivity

Human

Background

The protein encoded by this gene is a serine/threonine kinase and is part of some signal transduction cascades, including the ERK and JNK kinase pathways as well as the NF-kappa-B pathway. The encoded protein is activated by autophosphorylation and requires magnesium as a cofactor in phosphorylating other proteins. This protein has E3 ligase activity conferred by a plant homeodomain (PHD) in its N-terminus and phospho-kinase activity conferred by a kinase domain in its C-terminus.

Recommended Dilutions

WB 1:500 - 1:2000

Immunogen Information

Gene ID

4214

Swiss Prot

Q13233

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 1400-1512 of human MAP3K1 (NP_005912.1).

Synonyms

MEKK; MEKK1; SRXY6; MEKK 1; MAPKKK1; K1

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

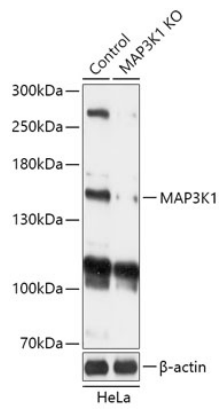
Affinity purification

Storage

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

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of lysates from wild type (WT) and MAP3K1 knockout (KO) HeLa cells, using [KO Validated] MAP3K1 Rabbit pAb (A18041) at 1:1000 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: 1min.