

Phospho-MAP3K5-T845 Rabbit pAb

Catalog No.: AP1215

Basic Information

Observed MW

155kDa

Calculated MW

155kDa

Category

Primary antibody

Applications

ELISA, WB

Cross-Reactivity

Human

Background

Enables MAP kinase kinase kinase activity and protein kinase binding activity. Involved in several processes, including intrinsic apoptotic signaling pathway in response to endoplasmic reticulum stress; positive regulation of JNK cascade; and positive regulation of cell death. Acts upstream of or within several processes, including cellular response to reactive nitrogen species; intracellular signal transduction; and positive regulation of MAPK cascade. Predicted to be located in cytoplasm. Predicted to be part of IRE1-TRAF2-ASK1 complex and protein kinase complex. Is expressed in several structures, including alimentary system; branchial arch; central nervous system; heart; and sensory organ. Human ortholog(s) of this gene implicated in Huntington's disease. Orthologous to human MAP3K5 (mitogen-activated protein kinase kinase kinase 5).

Recommended Dilutions

WB 1:500 - 1:1000

Immunogen Information

Gene ID

26408

Swiss Prot

O35099

Immunogen

A synthetic phosphorylated peptide around T845 of mouse MAP3K5 (NP_032606.4).

Synonyms

ASK; ASK1; Mekk5; MAPKKK5; 7420452D20Rik; Phospho-MAP3K5-T845

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

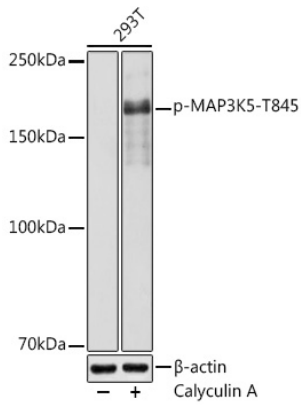
Affinity purification

Storage

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

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH 7.3.

Validation Data



Western blot analysis of lysates from 293T cells, using Phospho-MAP3K5-T845 Rabbit pAb (AP1215) at 1:1000 dilution. 293T cells were treated by Calyculin A (100 nM) at 37°C for 30 minutes after serum-starvation overnight.
Secondary antibody: HRP-conjugated 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: 1s.