

Anti-Human/Mouse/Rat Phospho-MAP3K1 (Thr1400) Polyclonal Antibody

Polyclonal Antibody

Cat.NO.: PA01830

3th Edition

Description: 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. MAP3K1 (Mitogen-Activated Protein Kinase Kinase Kinase 1) is a Protein Coding gene. Diseases associated with MAP3K1 include 46Xy Sex Reversal 6 and 46 Xy Gonadal Dysgenesis. Among its related pathways are Development VEGF signaling via VEGFR2 - generic cascades and Development Endothelin-1/EDNRA signaling. GO annotations related to this gene include transferase activity, transferring phosphorus-containing groups and protein tyrosine kinase activity. An important paralog of this gene is MAP3K19.

Antigen: Synthesized peptide derived from human MEK Kinase-1 around the phosphorylation site of Thr1400

Form:

How to use: 1.0 ml distilled water will be added to the product

Stability: Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

Dilution: PBS (pH7.4) containing 1% BSA

Application: This antibody can be used for western blotting in concentration of 1?5?g/ml.

Specificity: