MEK1 (Thr386) Antibody

Subcategory: Rabbit Polyclonal Antibody, Phosphospecific Antibody
Cat. No.: 252556
Unit: 0.1 ml

Description:
MEK1 (MAPKK1) catalyzes the concomitant phosphorylation of a threonine and a tyrosine residue in a Thr-Glu-Tyr sequence located in MAP kinases. MEKI (MAPKK1) activates ERK1 and ERK2 MAP kinases, enzymes which are involved in numerous signal transduction pathways. Defects in MEK1 (MAPKK1) are a cause of cardiofaciocutaneous syndrome (CFC syndrome), also known as cardio-facio-cutaneous syndrome. CFC syndrome is characterized by a distinctive facial appearance, heart defects and mental retardation. The sites on MEK 1 that are phosphorylated by MAP kinase are Thr292 and Thr386.

Isotype: Rabbit Ig
Applications: E, WB
Species Reactivity: B, D, Ck, H, M, X , R
Format: Each vial contains 0.1 ml IgG in HEPES pH7.5, 150 mM NaCl, 0.01% BSA and 50% glycerol. Antibody was purified by immunogen affinity chromatography.
Alternate Names: MAPKK1; Dual specificity mitogen-activated protein kinase kinase 1; MAP kinase kinase 1; MAPKK1; ERK activator kinase 1; MAPK/ERK kinase 1; MEK1; MAP2K1; PRKMK2
Accession No.: Q02750

Antigen: KLH-conjugated synthetic phosphopeptide encompassing a sequence surrounding Thr386 of human MEK1.
Application Notes: E: 1:1,000; WB: 1:1,000

Storage: Store at -20°C. Minimize freeze-thaw cycles. Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.