
MEK5 (Ser311/Thr315) Antibody

Subcategory: Rabbit Polyclonal Antibody, Phosphospecific Antibody

Cat. No.: 252557

Unit: 0.1 ml

Description:

Dual specificity mitogen-activated protein kinase kinase 5 (MEK5) acts as a scaffold for the formation of a ternary MAP3K2/MAP3K3-MAP3K5-MAPK7 signaling complex. Activation of this pathway plays a critical role in protecting cells from stress-induced apoptosis, neuronal survival and cardiac development and angiogenesis. Dual phosphorylation of Ser311 and Thr315 have been implicated in cell proliferation.

Isotype: Rabbit Ig

Applications: E, WB

Species Reactivity: B, D, Ck, H, M, X, Zf, R, Mk

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; PRKMK3

Accession No.: Q62862

Antigen: KLH-conjugated synthetic phosphopeptide encompassing a sequence surrounding Ser311/Thr315 of rat MEK5.

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.