

p38 alpha MAPK Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 250522

Unit: 0.1 mg

Description:

p38 alpha MAPK (Mitogen-activated protein kinase 14; SAPK2A) is activated by environmental stressors, pro-inflammatory cytokines and lipopolysaccharide. In turn it phosphorylates various transcription factors including ELK1 and ATF2 and downstream kinases such as MAPKAPK2 and MAPKAPK5. p38 alpha MAPK is activated at the Thr-X-Tyr motif by the dual specificity kinases MAP2K3, MAP2K6 and MAP2K4. In addition it can be phosphorylated by ATM or ATR upon DNA damage. It can be inhibited by dual specificity phosphatases such as DUSP1, and its kinase activity inhibited by pyridinyl-imidazole compounds that are cytokine-suppressive anti-inflammatory drugs (CSAID).

Isotype: Rabbit Ig

Applications: E, IHC, WB

Species Reactivity: D, H, M, R

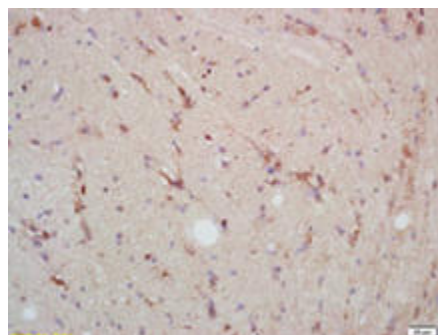
Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: p38 MAPK; Mitogen-activated protein kinase 14; Mitogen-activated protein kinase p38 alpha; MAP kinase p38 alpha; Cytokine suppressive anti-inflammatory drug-binding protein; CSAID-binding protein; CSBP; MAX-interacting-protein 2; MAP kinase MXI2; SAPK2A; MAPK14

Accession No.: Q16539

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the center region of human p38 alpha MAPK.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500; IHC: 1:100-1:500



p38 alpha staining in rat brain. Formalin-fixed paraffin-embedded rat brain tissue is stained with p38 alpha MAPK Antibody (Cat. No. 250522) used at 1:200 dilution.

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.