

Phospho-p38 MAPK (Thr180/Tyr182) Antibody

Subcategory: Phosphospecific Antibody, Rabbit Polyclonal Antibody

Cat. No.: 251246

Unit: 0.1 mg

Description:

Mitogen-activated protein kinase 14 (p38 MAPK) responds to activation by environmental stress, pro-inflammatory cytokines and lipopolysaccharide (LPS) by phosphorylating a number of transcription factors, such as ELK1 and ATF2 and several downstream kinases, such as MAPKAPK2 and MAPKAPK5. P38 MAPK plays a critical role in the production of some cytokines, for example IL-6. Phosphorylation on Thr-180 and Tyr-182 activates the p38 MAPK.

Isotype: Rabbit Ig

Applications: E, IHC, WB

Species Reactivity: B, H, M, R

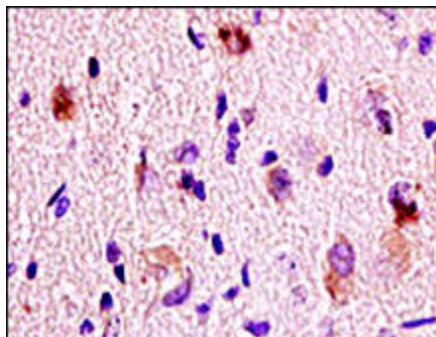
Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

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; p38 MAPK, phospho (Thr180/Tyr182); P-p38 MAPK/MAPK14 (phospho-specific Thr180/Tyr182); p38, phospho (Thr180/Tyr182)

Accession No.: Q16539

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the center region of human p38 MAPK encompassing phosphorylated Thr180/Tyr182 residues.

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



p38 MAPK staining in rat brain. Formalin-fixed paraffin-embedded rat brain is stained with Phospho-p38 MAPK (Thr180/Tyr182) Antibody (Cat. No. 251246) 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.