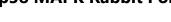
p38 MAPK Rabbit Polyclonal Antibody





Product Information

CAB10832

Product SKU: CAB10832 **Gene ID**: 1432 **Size**: 20uL, 100uL

Clone No: - Host Species: Rabbit Reactivity: Human, Mouse, Rat

Additional Information

Observed MW: 41kDa **Conjugate:** Unconjugated

Calculated MW: 41kDa Isotype: IgG

Immunogen Information

Background: The protein encoded by this gene is a member of the MAP kinase family. MAP kinases act as an

integration point for multiple biochemical signals, and are involved in a wide variety of cellular processes such as proliferation, differentiation, transcription regulation and development. This kinase is activated by various environmental stresses and proinflammatory cytokines. The activation requires its phosphorylation by MAP kinase kinases (MKKs), or its autophosphorylation triggered by the interaction of MAP3K7IP1/TAB1 protein with this kinase. The substrates of this kinase include transcription regulator ATF2, MEF2C, and MAX, cell cycle regulator CDC25B, and tumor suppressor p53, which suggest the roles of this kinase in stress related transcription and cell cycle regulation, as well as in genotoxic stress response. Four alternatively spliced transcript variants of this gene encoding distinct isoforms have been

reported.

Recommended Dilution: WB,1:500 - 1:2000 IHC-P,1:50 - 1:200

Synonyms: RK; p38; CSBP; EXIP; Mxi2; CSBP1; CSBP2; CSPB1; PRKM14; PRKM15; SAPK2A; p38ALPHA; p38 MAPK

Purifcation Method: Affinity purification

Immunogen: A synthetic peptide corresponding to a sequence within amino acids 261-360 of human p38 MAPK

(NP_620581.1).

Storage: Store at -20°C. Avoid freeze / thaw cycles.Buffer: PBS with 0.01% thimerosal,50% glycerol,pH7.3.