

AP00039PU-N**Polyclonal Antibody to MAP kinase p38 alpha / MAPK14 - Aff - Purified**

Alternate names:	CSBP, CSBP1, CSBP2, CSPB1, Cytokine suppressive anti-inflammatory drug-binding protein, MAX-interacting protein 2, MXI2, Mitogen-activated protein kinase 14, SAPK2A, p38 alpha
Quantity:	0.1 mg
Concentration:	0.5 mg/ml
Background:	p38 MAP kinase is the mammalian homologue of the yeast HOG kinase and participates in a cascade controlling cell cellular responses to cytokines and stress. Like the SAPK/JNK pathway, p38 MAP kinase is activated by a variety of cellular stresses including inflammatory cytokines, UV light and growth factors, etc. Activated p38 MAP kinase has been shown to phosphorylate and activate MAPKAP kinase-2 and to phosphorylate the transcription factors ATF-2 and Max.
Uniprot ID:	Q16539
NCBI:	NP_001306
GeneID:	1432
Host:	Rabbit
Immunogen:	Synthetic peptide mapping to the N-terminus of human p38 MAP kinase
Format:	State: Liquid affinity purified Ig fraction Buffer System: PBS containing 30 % glycerol, 0.5 % BSA, and 0.01 % thimerosal
Applications:	Western blotting (0.5-4.0 µg/ml). Immunoprecipitation (10-20 µg/ml). Immunohistochemistry (10-20 µg/ml). Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	The antibody detects p38 MAP kinase. It does not cross-react with either JNK/SAPK or p44/42 MAP kinase. Species: Human, mouse, rat. Other species not tested.
Add. Information:	Blocking peptide (Cat. no. AP00039CP-N) is available separately.
Storage:	Store undiluted (in aliquots) at -20°C to -70 °C. Avoid repeated freezing and thawing. Shelf life: one year from despatch.

Pictures:

Western blot analysis of p38 MAP kinase in Jurkat cell lysate using antibody AP00039PU-N

