



MAPK, p38 MAPK (Thr180/Tyr182) Polyclonal Antibody

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Box 1 | Basic Info

Cat. No.	ABP-PAB-21026
Animal ID	N/A
Host	Rabbit
Reactivity	Human, Mouse, Rat
Format	Affinity Purified
Accession number	N/A
Amount	100 µl

Alternative Name(s):

N/A

References:

1. Johnson GL et al. Science (2002) 298:1911-1912.
2. Lin A et al. Science (1995) 268:286-290.
3. Philip S et al. Brain Res (2003) 979:98-103.

The three Mitogen-Activated Protein Kinases (MAPKs) are evolutionarily conserved protein kinases that control a vast array of cellular processes. p38 MAPK is one these kinases and it is activated by both inflammatory cytokines and by stress. The p38 MAPK is thought to be particularly important in diseases like asthma and autoimmunity but it also plays important roles in the stress response of the nervous system. Like the other MAPKs, p38 is activated by a dual specificity kinase that phosphorylates Thr180 and Tyr182.

Buffers

100 µl in 10 mM HEPES (pH 7.5), 150 mM NaCl, 100 µg per ml BSA and 50% glycerol.

Immunogen

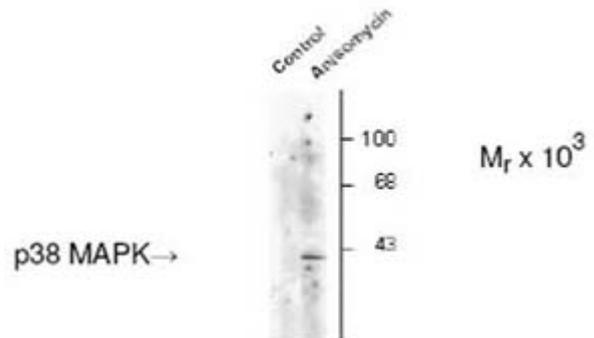
Synthetic phosphopeptide corresponding to amino acids residues surrounding the phospho Thr180/Tyr182 of p38 MAPK.

Application

WB: 1:1000

Storage

For long term storage -20°C is recommended. Stable at -20°C for at least 1 year.



Immunolabeling of the ~39k p38 MAPK protein phosphorylated at Thr180/Tyr182 in Western blots of C-6 glioma cells lysates that had been incubated in the absence or presence of anisomycin.