

p38 MAP Kinase Polyclonal Antibody

CATALOG NO:	3114-30T	30 µg (Trial size)
	3114-100	100 µg
CONCENTRATION:	0.5 mg/ml	
HOST:	Rabbit	
IMMUNOGEN:	Synthetic peptide mapping to the N-terminus of human p38 MAP kinase	
INTERNAL ID:	BV-237	
SPECIES REACTIVITY:	Human, Mouse, Rat	

FORMULATION:

0.5 mg/ml affinity purified rabbit polyclonal anti-p38 MAP Kinase antibody in phosphate-buffered saline (PBS) containing 30% glycerol, 0.5% BSA, 0.5 mM EDTA and 0.03 % ProClin®

STORAGE CONDITIONS:

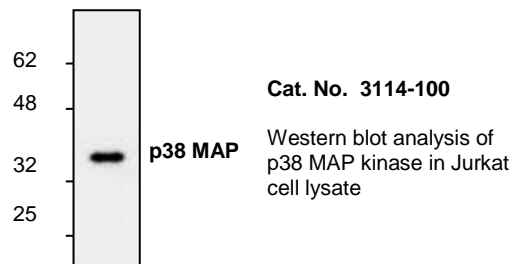
Store at -20°C. For long term storage, aliquot and freeze at -70°C. Avoid repeated freeze/thaw cycles.

DESCRIPTION:

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.

APPLICATION AND USAGE:

The antibody can be used for Western blotting (0.5-4 µg/ml). From researcher's feedback, the antibody also works well in immunoprecipitation (10-20 µg/ml), and immunohistochemistry (10-20 µg/ml). However, the optimal concentrations should be determined individually. Blocking peptide (Cat.# 3114BP-50) is available separately.



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