

## p38 MAP Kinase Polyclonal Antibody

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

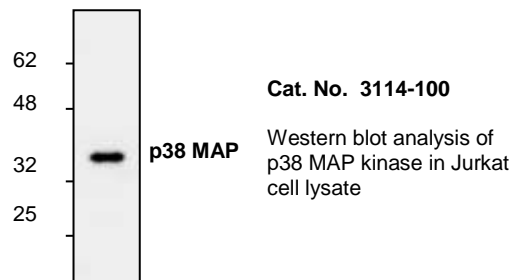
Store at -20°C. For long term storage, aliquot and freeze at -70°C. Avoid repeated freeze/thaw cycles.

### 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.



### RELATED PRODUCTS:

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- Caspase Assay Kits & Reagents
- Mitochondrial Apoptosis Kits & Reagents
- Nuclear Apoptosis Kits & Reagents
- Apoptosis Inducers and Set
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- Nuclear/Cytosol Fractionation Kit
- Membrane Protein Extraction Kit
- Cytosol/Particulate Rapid Separation Kit
- Mammalian Cell Extraction Kit
- FractionPREP Fractionation System

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Monoclonal and Polyclonal Antibodies

**FOR RESEARCH USE ONLY! Not to be used on humans.**

