

## JNK1/2/3 (phospho Thr183) Polyclonal Antibody

Catalog No: #13770



Package Size: #13770-1 50ul #13770-2 100ul

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Support: tech@signalwayantibody.com

## Description

|                       |  |
|-----------------------|--|
| Product Name          | JNK1/2/3 (phospho Thr183) Polyclonal Antibody  |
| Host Species          | Rabbit   |
| Purification          | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.  |
| Applications          | WB,IHC-p,IF/ICC,ELISA  |
| Species Reactivity    | Human,Mouse,Rat  |
| Specificity           | Phospho-JNK1/2/3 (T183) Polyclonal Antibody detects endogenous levels of JNK1/2/3 protein only when phosphorylated at T183.  |
| Immunogen Description | The antiserum was produced against synthesized peptide derived from human SAPK/JNK around the phosphorylation site of Thr183. AA range:151-200   |
| Other Names           | MAPK8; JNK1; PRKM8; SAPK1; SAPK1C; Mitogen-activated protein kinase 8; MAP kinase 8; MAPK 8; JNK-46; Stress-activated protein kinase 1c; SAPK1c; Stress-activated protein kinase JNK1; c-Jun N-terminal kinase 1; MAPK9; JNK2; PRKM9; SAPK1A; Mi |
| Accession No.         | Swiss Prot:P45983/P45984/P53779GeneID:5599/5601/5602   |
| Uniprot               | P45983/P45984/P53779   |
| GeneID                | 5599/5601/5602   |
| SDS-PAGE MW           | 54   |
| Concentration         | 1 mg/ml  |
| Formulation           | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.  |
| Storage               | -20°C/1  |

## Application Details

Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/5000. Not yet tested in other applications.

## Background

mitogen-activated protein kinase 8(MAPK8) Homo sapiens 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 cell stimuli, and targets specific transcription factors, and thus mediates immediate-early gene expression in response to cell stimuli. The activation of this kinase by tumor-necrosis factor alpha (TNF-alpha) is found to be required for TNF-alpha induced apoptosis. This kinase is also involved in UV radiation induced apoptosis, which is thought to be related to cytochrom c-mediated cell death pathway. Studies of the mouse counterpart of this gene suggested that this kinase play a key role in T cell proliferation, apoptosis and differentiation. Several alternatively spl

Note: This product is for in vitro research use only