

# JNK1/2/3 (phospho Thr183/Y185) Rabbit Polyclonal Antibody

OPR1350

<b>Reactivity</b>	H, M, R, Fs,Pg,Ch	<b>Storage</b>	-20°C, Avoid freeze / thaw cycles
<b>Host</b>	Rabbit	<b>Applications</b>	IF;WB;IHC;ELISA
<b>Isotype</b>	IgG	<b>Concentration</b>	1 mg/ml

Note: Centrifuge before opening to ensure complete recovery of vial contents.

## Immunogen Information

<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human JNK1/2/3 around the phosphorylation site of Thr183 and Tyr185. AA range:151-200
<b>Human Swiss-Prot Number</b>	P45983/P45984/P53779
<b>Synonyms</b>	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;

## Product Information

<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	IF: 1:50-200, WB: 1:500-2000, IHC: 1:50-300
<b>Buffer</b>	PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Observed MW</b>	46 + 54 kDa

Other applications have not been tested. Optimal dilutions/concentrations should be determined by the end user.

## Background

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.

## Research Use

For research use only, not for use in diagnostic procedures.

## Legend

**Applications:** WB-Western Blot; IHC-Immunohistochemistry; IF-Immunofluorescence; IP-Immunoprecipitation; FC-Flow cytometry; ChIP-Chromatin Immunoprecipitation

**Reactivity:** H-Human; R-Rat; M-Mouse; Mk-Monkey; Dg-Dog; Ch-Chicken; Hm-Hamster; Rb-Rabbit; Sh- Sheep; Pg-Pig; Z-Zebrafish; X-Xenopus; C-Cow,Fs- Fish.

Please contact Origin Diagnostics and Research for further assistance

[www.originlab.in](http://www.originlab.in)

[info@originlab.in](mailto:info@originlab.in)

+91-7736237778