

# JNK1/2/3 Rabbit Polyclonal Antibody

OPR2662

<b>Reactivity</b>	H, M, R,FS,Ch,Pg	<b>Storage</b>	-20°C, Avoid freeze / thaw cycles
<b>Host</b>	Rabbit	<b>Applications</b>	WB;IHC;IF;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 SAPK/JNK. AA range:166 -215
<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>	WB: 1/500 - 1/2000,IHC: 1/100 - 1/300,IF: 1/200 - 1/1000, ELISA: 1/10000.
<b>Observed MW</b>	44 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 cytochrome 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,Bv- Bovine, 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