

JNK1/2/3 Rabbit mAb

Catalog No.: A4867 Recombinant 69 Publications

Basic Information

Observed MW

46kDa/54kDa

Calculated MW

46,54kDa

Category

Primary antibody

Applications

WB,IF-P,ELISA

Cross-Reactivity

Human, Mouse, Rat

CloneNo number

ARC0291

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. Several alternatively spliced transcript variants encoding distinct isoforms have been reported. [provided by RefSeq, Apr 2016]

Recommended Dilutions

WB 1:1000 - 1:4000

IF-P 1:100 - 1:800

ELISA Recommended starting concentration is 1 μ g/mL.
Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID
5599/5601/5602

Swiss Prot
P45983/P45984/P53779

Immunogen

Recombinant protein (or fragment).This information is considered to be commercially sensitive.

Synonyms

JNK; JNK-46; JNK1; JNK1A2; JNK21B1/2; PRKM8; SAPK1; SAPK1c; JNK1/2/3

Contact

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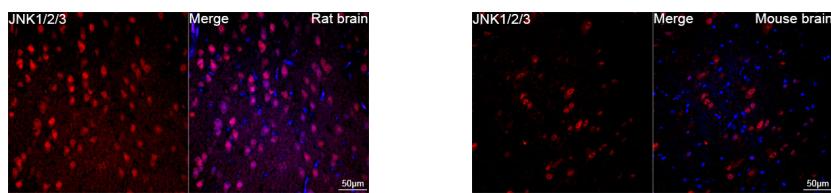
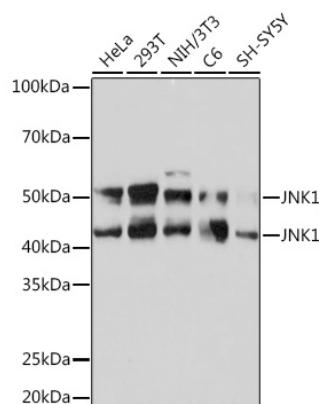
Product Information

Source Rabbit	Isotype IgG	Purification Affinity purification
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Storage

Store at -20°C. Avoid freeze / thaw cycles.
Buffer: PBS with 0.09% sodium azide,0.05% BSA,50% glycerol,pH7.3.

Validation Data



Confocal imaging of paraffin-embedded Rat brain tissue using JNK1/2/3 Rabbit mAb (A4867, dilution 1:200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IF staining. Objective: 40x.

Confocal imaging of paraffin-embedded Mouse brain tissue using JNK1/2/3 Rabbit mAb (A4867, dilution 1:200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). Microwave antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IF staining. Objective: 40x.