

[KD Validated] JNK1 Rabbit mAb

Catalog No.: A21888 **Recombinant** **1 Publications**

Basic Information

Observed MW

46kDa/54kDa/42kDa

Calculated MW

48kDa

Category

Primary antibody

Applications

ELISA,WB,IP

Cross-Reactivity

Human, Mouse, Rat

CloneNo number

ARC2908

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. Several alternatively spliced transcript variants encoding distinct isoforms have been reported.

Recommended Dilutions

WB 1:500 - 1:1000**IP** 0.5µg-4µg antibody for
400µg-600µg extracts of
whole cells

Immunogen Information

Gene ID

5599

Swiss Prot

P45983

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 250-350 of human JNK1 (P45983).

Synonyms

JNK; [KD Validated] JNK1

Contact

 | 400-999-6126 | cn.market@abclonal.com.cn | www.abclonal.com.cn

Product Information

Source

Rabbit

Isotype

IgG

Purification

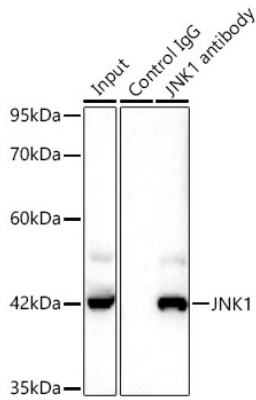
Affinity purification

Storage

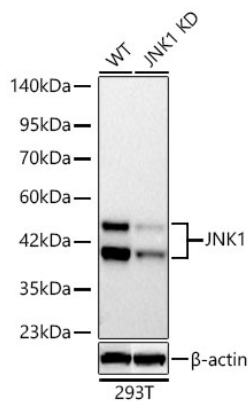
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide,0.05% BSA,50% glycerol,pH7.3.

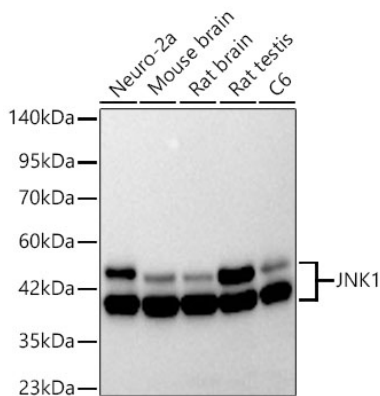
Validation Data



Immunoprecipitation of [KD Validated] JNK1 from 500 µg extracts of C6 cells was performed using 2 µg of [KD Validated] JNK1 Rabbit mAb (A21888). Rabbit IgG isotype control (AC042) was used to precipitate the Control IgG sample. IP samples were eluted with 1X non-reducing Laemmli Buffer. The Input lane represents 10% of the total input. Western blot analysis of immunoprecipitates was conducted using [KD Validated] JNK1 Rabbit mAb (A21888) at a dilution of 1:1000.



Western blot analysis of lysates from wild type (WT) and JNK1 knockdown (KD) 293T cells, using [KD Validated] JNK1 Rabbit mAb (A21888) at 1:1000 dilution.
 Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
 Lysates/proteins: 25µg per lane.
 Blocking buffer: 3% nonfat dry milk in TBST.
 Detection: ECL Basic Kit (RM00020).
 Exposure time: 180s.



Western blot analysis of various lysates using [KD Validated] JNK1 Rabbit mAb (A21888) at 1:1000 dilution.
 Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
 Lysates/proteins: 25µg per lane.
 Blocking buffer: 3% nonfat dry milk in TBST.
 Detection: ECL Basic Kit (RM00020).
 Exposure time: 180s.