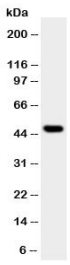
JNK1 Antibody (R30992)

Catalog No.	Formulation	Size
R30992	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide/thimerosal
UniProt	P45983
Applications	Western blot: 0.5-1ug/ml
Limitations	This JNK1 antibody is available for research use only.



Western blot testing of JNK1 antibody and HT1080 cell lysate. Expected size: 42KD

Description

Mitogen-activated protein kinase 8, also known as JNK1, PRKM8, and SAPK1, is an enzyme that in humans is encoded by the MAPK8 gene. The protein encoded by this gene is a member of the MAP kinase and JNK family. The International Radiation Hybrid Mapping Consortium mapped the MAPK8 gene to chromosome 10. 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. This kinase is also involved in UV radiation-induced apoptosis, which is though to be related to the cytochrome c-mediated cell death

pathway.

Application Notes

The stated application concentrations are suggested starting amounts. Titration of the JNK1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

An amino acid sequence from the N-terminus of human JNK1 (MSRSKRDNNFYSVEI) was used as the immunogen for this JNK1 antibody (100% homologous in human, mouse and rat).

Storage

After reconstitution, the JNK1 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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