

Recombinant JNK1/2/3 Monoclonal Antibody

catalog number: **AN300739L**

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

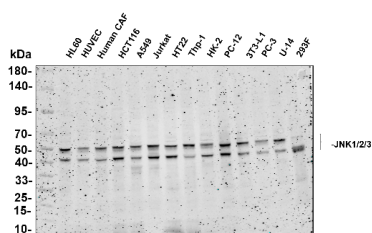
Description

Reactivity	Human;Mouse;Rat
Immunogen	Recombinant Human JNK1/2/3 protein
Host	Rabbit
Isotype	IgG,k
Clone	B678
Purification	Protein A
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications

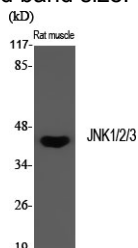
Applications	Recommended Dilution
WB	1:2000-1:10000
IF	1:200-1:1000
ELISA	1:5000-1:20000
IP	1:50-1:200

Data

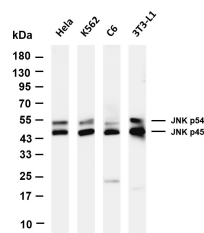


Various whole cell lysates were separated by 4-20% SDS-PAGE, and the primary antibody was used at 4°C, over night with a 1:5000 dilution. The Dylight 800-conjugated Goat anti-Rabbit antibody was used to detect the antibody. Lane1: HL60 Lane2: HUVEC Lane3: Human CAF Lane4: HCT116 Lane5: A549 Lane6: Jurkat Lane7: HT22 Lane8: THP-1 Lane9: HK-2 Lane10: PC-12 Lane11: 3T3-L1 Lane12: PC-3 Lane13: U-14 Lane14: 293F. Predicted band size: 48,53kDa

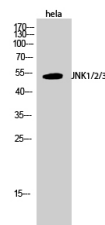
Observed band size: 48,53kDa



Western Blot analysis of Rat muscle using JNK1/2/3
Antibody diluted at 1:1000
Observed-MW:48,53 kDa
Calculated-MW:48,53 kDa



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-JNK1/2/3 antibody. The HRP-conjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody. Lane 1: HeLa Lane 2: K562 Lane 3: C6 Lane 4: 3T3-L1 Predicted band size: 48,53kDa Observed band size: 48,53kDa



Western Blot analysis of HeLa cells using JNK1/2/3 Antibody
diluted at 1:1000
Observed-MW:48,53 kDa
Calculated-MW:48,53 kDa

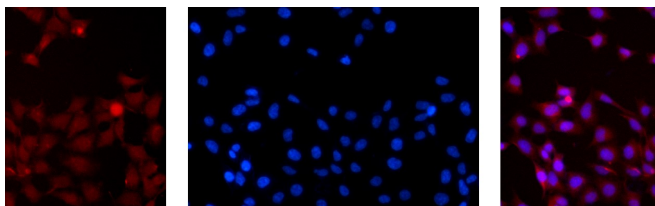
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Rev. V1.2



A

B

C

Immunofluorescence analysis of HEK293. Picture A:
JNK1/2/3 antibody (red). Picture B: DAPI (blue). Picture C:
Merge of A+B

Preparation & Storage

Storage Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.

Shipping Ice bag

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.

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