

# JNK2 Rabbit rabbit pAb

Cat No.:ES20702

For research use only

## Overview

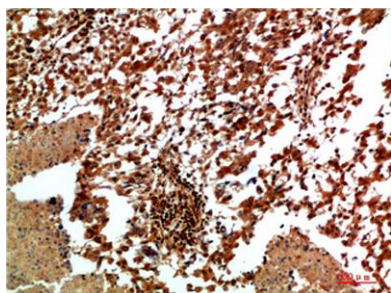
Product Name	JNK2 Rabbit rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	WB 1:500-2000,IHC-p 1:50-300
Immunogen	Recombinant Protein of JNK2
Specificity	The antibody detects endogenous JNK2 protein
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Mitogen-activated protein kinase 9 (MAP kinase 9) (MAPK 9) (EC 2.7.11.24) (JNK-55) (Stress-activated protein kinase 1a) (SAPK1a) (Stress-activated protein kinase JNK2) (c-Jun N-terminal kinase 2)
Gene Name	MAPK9 JNK2 PRKM9 SAPK1A
Cellular localization	Cytoplasm . Nucleus . Colocalizes with POU5F1 in the nucleus. .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	46,54kD
Human Gene ID	5601
Human Swiss-Prot Number	P45984
Alternative Names	Mitogen-activated protein kinase 9 (MAP kinase 9;MAPK 9;EC 2.7.11.24;JNK-55;Stress-activated protein kinase 1a;SAPK1a;Stress-activated protein kinase JNK2;c-Jun N-terminal kinase 2)
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



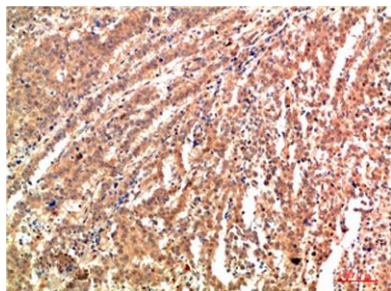


processes such as proliferation, differentiation, transcription regulation and development. This kinase targets specific transcription factors, and thus mediates immediate-early gene expression in response to various cell stimuli. It is most closely related to MAPK8, both of which are involved in UV radiation induced apoptosis, thought to be related to the cytochrome c-mediated cell death pathway. This gene and MAPK8 are also known as c-Jun N-terminal kinases. This kinase blocks the ubiquitination of tumor suppressor p53, and thus it increases the stability of p53 in nonstressed cells. Studies of this gene's mouse counterpart suggest a key role in T-cell differentiation. Several alternative

Immunohistochemical analysis of paraffin-embedded Human Lung Carcinoma Tissue using JNK2 Rabbit pAb diluted at 1:200



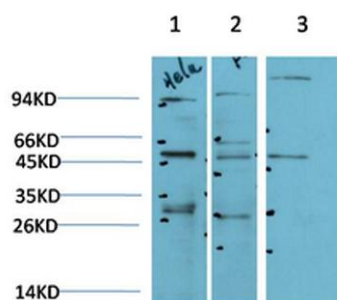
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Western blot analysis of 1) Hela Cell Lysate, 2)PC12 Cell Lysate, 3) C2C12 Cell Lysate using JNK2 Rabbit pAb diluted at 1:1000.



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