

MAPK8 Antibody

Catalog No: #32065



Package Size: #32065-1 50ul #32065-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

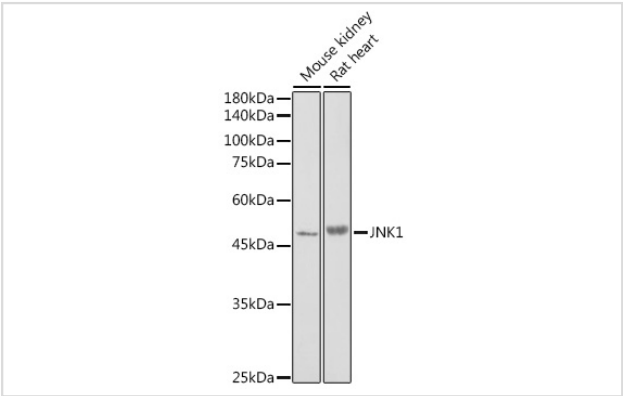
Description

Product Name	MAPK8 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IHC,IF
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of total MAPK8 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant fusion protein of human JNK1 (NP_620635.1).
Target Name	MAPK8
Other Names	MAPK8;JNK;JNK-46;JNK1;JNK1A2;JNK21B1/2;PRKM8;SAPK1;SAPK1c
Accession No.	Uniprot:P45983GeneID:5599
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GeneID	5599
SDS-PAGE MW	44kDa
Concentration	1.0mg/ml
Formulation	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

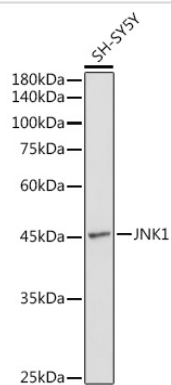
Application Details

WB 1:500 - 1:2000IHC 1:100 - 1:200IF 1:50 - 1:200

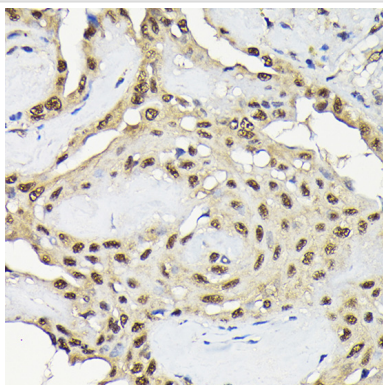
Images



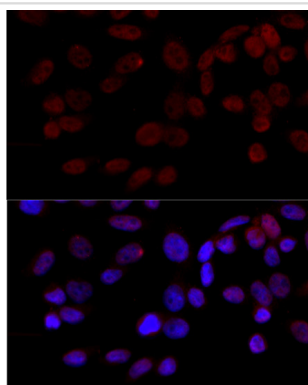
Western blot analysis of extracts of various cell lines, using JNK1 antibody.



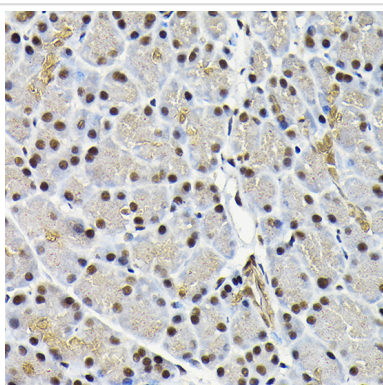
Western blot analysis of extracts of SH-SY5Y cells, using JNK1 antibody.



Immunohistochemistry of paraffin-embedded human thyroid cancer using JNK1 Rabbit pAb.



Immunofluorescence analysis of HeLa cells using JNK1 antibody.



Immunohistochemistry of paraffin-embedded rat pancreas using JNK1 Rabbit pAb.

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.

Note: This product is for in vitro research use only