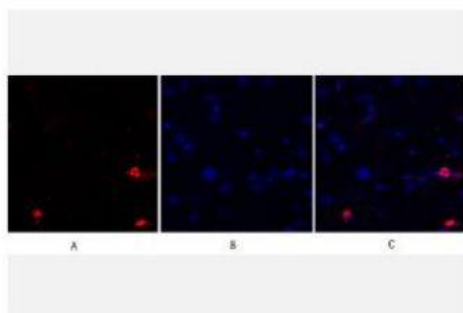


## JNK1:2:3 Polyclonal Antibody

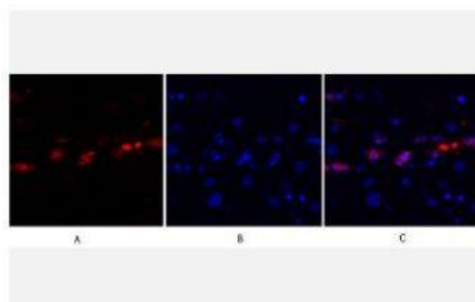
<b>Catalog No.</b>	IPB0275
<b>Reactivity</b>	Human; Mouse; Rat
<b>Applications</b>	IF/ICC; WB; IHC-p; ELISA
<b>Dilution</b>	IF: 1:50-200    WB: 1:500-1:2000    IHC: 1:50-1:200    ELISA: 1:5000
<b>Gene Name</b>	MAPK8:9:10
<b>Protein Name</b>	Mitogen-activated protein kinase 8/9/10
<b>Human Gene Id</b>	5599:5601:5602
<b>Swiss-Prot</b>	P45983:P45984:P53779
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 05% BSA and 002% sodium azide
<b>Source</b>	Rabbit
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
<b>Concentration</b>	1 mg/ml
<b>Storage&amp;Stability</b>	-20°C/1 year
<b>Subcellular Location</b>	Cytoplasm Nucleus Cell junction, synapse In the cortical neurons, predominantly cytoplasmic and associated with the Golgi apparatus and endosomal fraction Increased neuronal activity increases phosphorylated form at synapses (By similarity) Colocalizes with POU5F1 in the nucleus
<b>MW</b>	48296/48139/52585
<b>Background</b>	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-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

### Products Images:



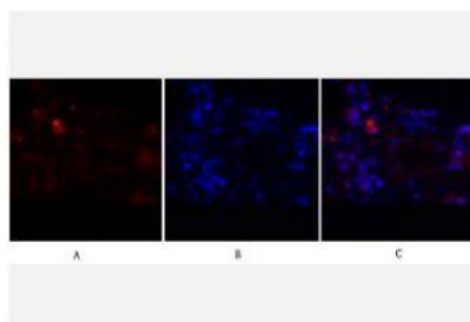
Immunofluorescence analysis of human-liver tissue.

1, JNK1/2/3 Polyclonal Antibody (red) was diluted at 1:200 (4°C, overnight). 2, Cy3 labeled Secondary antibody was diluted at 1:300 (room temperature, 50 min). 3, Picture B: DAPI (blue) 10 min. Picture A: Target. Picture B: DAPI. Picture C: merge of A+B



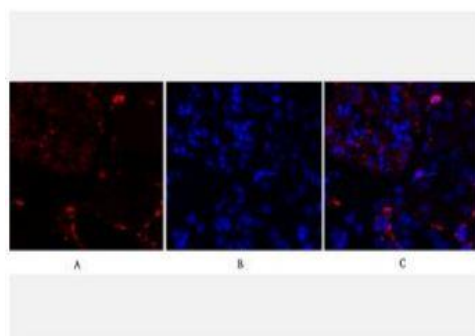
Immunofluorescence analysis of human-liver tissue.

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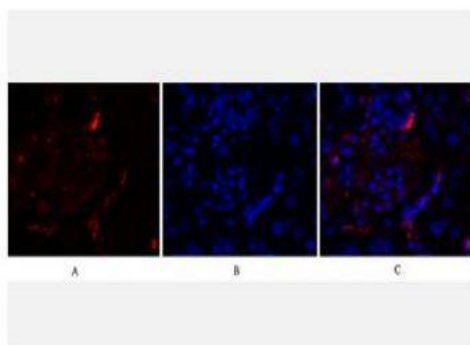


Immunofluorescence analysis of human-lung tissue.

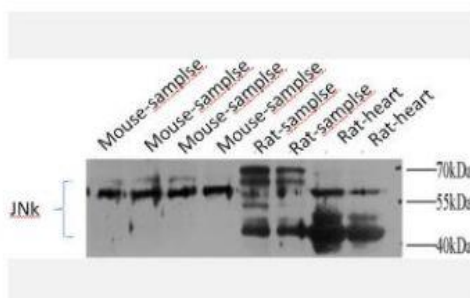
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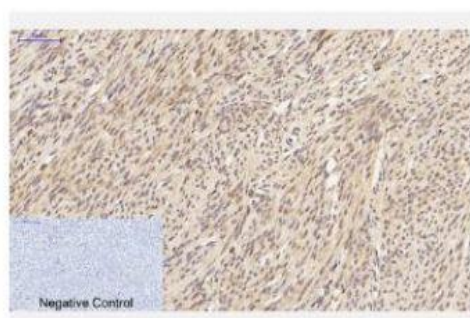
Immunofluorescence analysis of rat-kidney tissue. 1, JNK1/2/3 Polyclonal Antibody (red) was diluted at 1:200 (4°C, overnight). 2, Cy3 labeled Secondary antibody was diluted at 1:300 (room temperature, 50 min). 3, Picture B: DAPI (blue) 10 min. Picture A: Target. Picture B: DAPI. Picture C: merge of A+B



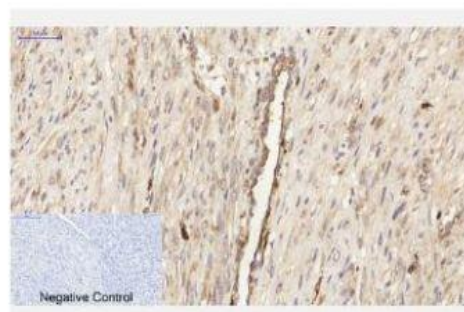
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Western Blot analysis of various cells using primary antibody diluted at 1:1000(4°C overnight). Secondary antibody:Goat Anti-rabbit IgG IRDye 800( diluted at 1:5000, 25°C, 1 hour). Cell lysate was extracted by Minute™ Plasma Membrane Protein Isolation and Cell Fractionation Kit(SM-005, Inventbiotech,MN,USA).

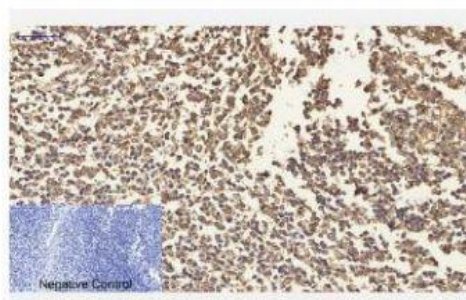


Immunohistochemical analysis of paraffin-embedded Human-uterus tissue. 1,JNK1/2/3 Polyclonal Antibody was diluted at 1:200(4°C,overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval(>98°C,20min). 3,Secondary antibody was diluted at 1:200(room temperature, 30min). Negative control was used by secondary antibody only.

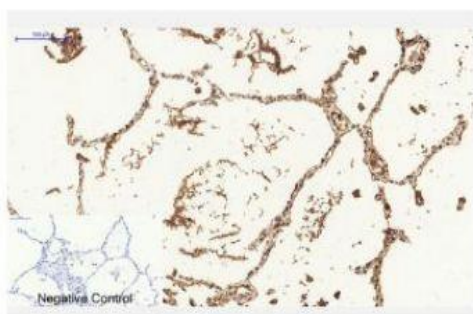


Immunohistochemical analysis of paraffin-embedded Human-uterus-cancer tissue. 1,JNK1/2/3 Polyclonal Antibody was diluted at 1:200(4°C,overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval(>98°C,20min). 3,Secondary antibody was diluted at 1:200(room temperature, 30min). Negative control was used by secondary antibody only.

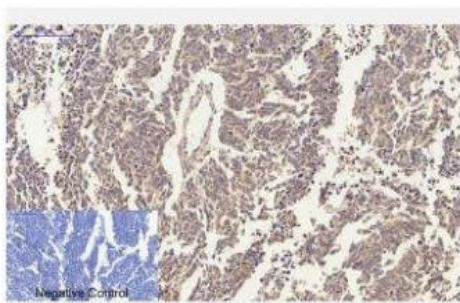




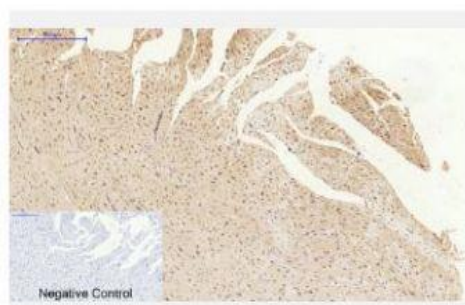
Immunohistochemical analysis of paraffin-embedded Human-Tonsil tissue. 1,JNK1/2/3 Polyclonal Antibody was diluted at 1:200(4°C,overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval(>98°C,20min). 3,Secondary antibody was diluted at 1:200(room tempeRature, 30min). Negative control was used by secondary antibody only.



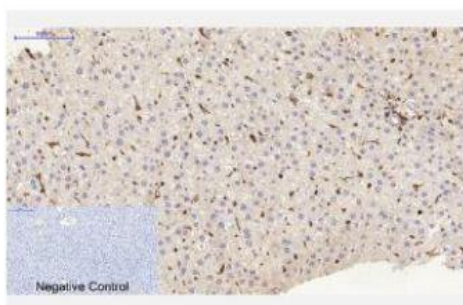
Immunohistochemical analysis of paraffin-embedded Human-lung tissue. 1,JNK1/2/3 Polyclonal Antibody was diluted at 1:200(4°C,overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval(>98°C,20min). 3,Secondary antibody was diluted at 1:200(room tempeRature, 30min). Negative control was used by secondary antibody only.



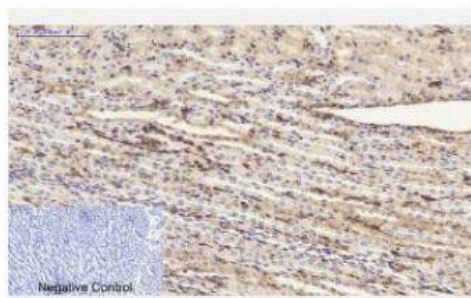
Immunohistochemical analysis of paraffin-embedded Human-lung-cancer tissue. 1,JNK1/2/3 Polyclonal Antibody was diluted at 1:200(4°C,overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval(>98°C,20min). 3,Secondary antibody was diluted at 1:200(room tempeRature, 30min). Negative control was used by secondary antibody only.



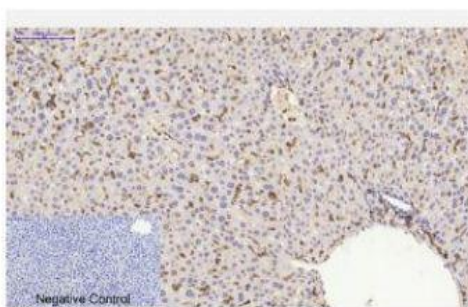
Immunohistochemical analysis of paraffin-embedded Rat-heart tissue. 1,JNK1/2/3 Polyclonal Antibody was diluted at 1:200(4°C,overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval(>98°C,20min). 3,Secondary antibody was diluted at 1:200(room tempeRature, 30min). Negative control was used by secondary antibody only.



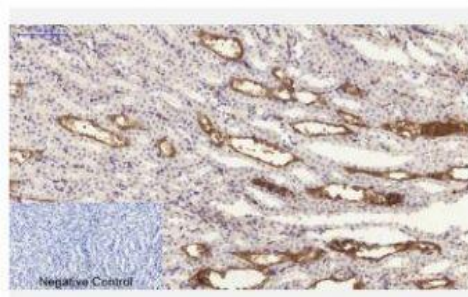
Immunohistochemical analysis of paraffin-embedded Rat-liver tissue. 1,JNK1/2/3 Polyclonal Antibody was diluted at 1:200(4°C,overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval(>98°C,20min). 3,Secondary antibody was diluted at 1:200(room temperature, 30min). Negative control was used by secondary antibody only.



Immunohistochemical analysis of paraffin-embedded Rat-kidney tissue. 1,JNK1/2/3 Polyclonal Antibody was diluted at 1:200(4°C,overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval(>98°C,20min). 3,Secondary antibody was diluted at 1:200(room temperature, 30min). Negative control was used by secondary antibody only.

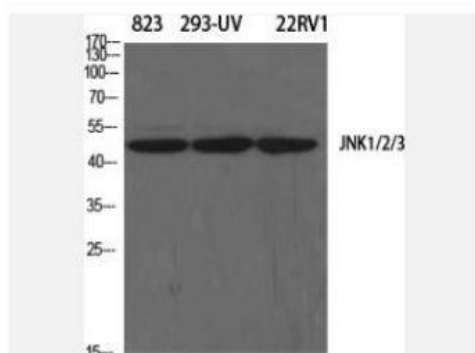


Immunohistochemical analysis of paraffin-embedded Mouse-liver tissue. 1,JNK1/2/3 Polyclonal Antibody was diluted at 1:200(4°C,overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval(>98°C,20min). 3,Secondary antibody was diluted at 1:200(room temperature, 30min). Negative control was used by secondary antibody only.

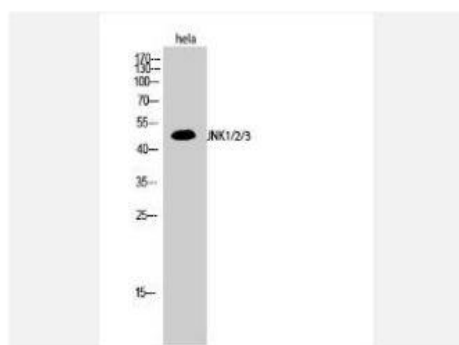


Immunohistochemical analysis of paraffin-embedded Mouse-kidney tissue. 1,JNK1/2/3 Polyclonal Antibody was diluted at 1:200(4°C,overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval(>98°C,20min). 3,Secondary antibody was diluted at 1:200(room temperature, 30min). Negative control was used by secondary antibody only.

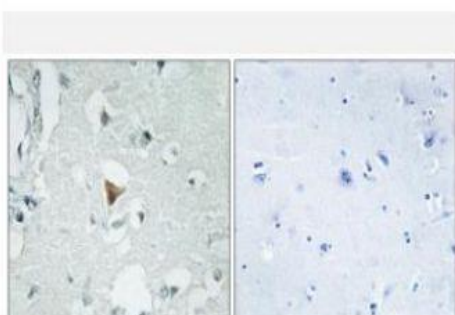




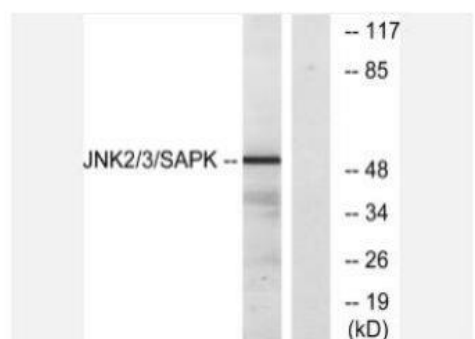
Western Blot analysis of various cells using JNK1/2/3  
Polyclonal Antibody diluted at 1:500



Western Blot analysis of HeLa cells using JNK1/2/3 Polyclonal  
Antibody diluted at 1:500



Immunohistochemistry analysis of paraffin-embedded human  
brain tissue, using SAPK/JNK Antibody. The picture on the  
right is blocked with the synthesized peptide.



Western blot analysis of lysates from HepG2 cells, using  
SAPK/JNK Antibody. The lane on the right is blocked with the  
synthesized peptide.