

Anti-JNK2 Rabbit pAb



WL03852

For Research Use Only. Not For Use In Diagnostic Procedures

Product Information

Product name	Anti-JNK2 Rabbit pAb	
Source	Rabbit	
Species reactivity	Human, Mouse, Rat	
Tested applications	WB	1:1000-1:2000
	IHC	1:200-1:300
	IF	1:200-1:300
Cellular localization	Cytoplasm, Nucleus	
Pack size	50/100/200/500/1000μl	
Storage	Store at -20°C. Avoid freeze/thaw cycles.	
Storage buffer	Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 μg/ml	
	BSA, 50% glycerol and less than 0.02% sodium azide	

General Information

Background

c-Jun N-terminal kinases (JNKs) phosphorylate and augment transcriptional activity of c-Jun. JNKs originate from three genes that yield 10 isoforms through alternative mRNA splicing, including JNK1a1, JNK1b1, JNK2a1, JNK2b1, and JNK3a1, which represent the p46 isoforms, and JNK1a2, JNK1b2, JNK2a2, JNK2b2, and JNK3b2, which represent the p54 isoforms. JNKs coordinate cell responses to stress and influence regulation of cell growth and transformation. The human JNK1 (PRKM8, SAPK1, MAPK8) gene maps to chromosome 10q11.22 and shares 83% amino acid identity with JNK2. JNK1 is necessary for normal activation and differentiation of CD4 helper T (TH) cells into TH1 and TH2 effector cells. Capsaicin activates JNK1 and p38 in ras-transformed human breast epithelial cells.

Immunogen

Polyclonal antibody is produced by immunizing animals with a synthetic peptide of JNK2.

Purification

Polyclonal antibody was purified by protein A affinity chromatography.

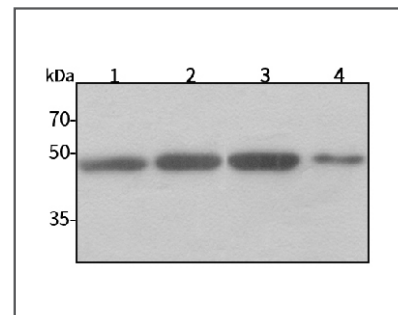
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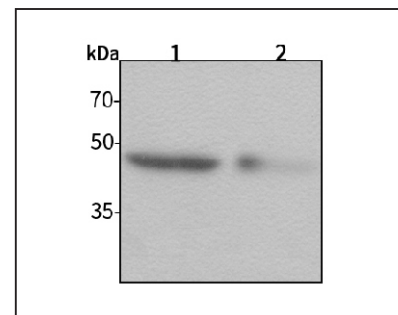
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Product Images



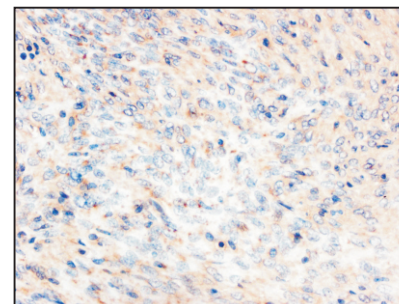
Western blot-Anti-JNK2 pAb

Lane 1: Human Hela cell lysate
 Lane 2: Human MCF-7 cell lysate
 Lane 3: Human A549 cell lysate
 Lane 4: Human HUVEC cell lysate
 All lanes: Anti-JNK2 at 1:1000 dilution
 Lysates/proteins at 20-50 μg per lane.
 Predicted band size: 48 kDa
 Observed band size: 48 kDa



Western blot-Anti-JNK2 pAb

Lane 1: Mouse heart cell lysate
 Lane 2: Rat liver cell lysate
 All lanes: Anti-JNK2 at 1:1000 dilution
 Lysates/proteins at 20-50 μg per lane.
 Predicted band size: 48 kDa
 Observed band size: 48 kDa



Immunohistochemistry-Anti-JNK2 pAb

Immunohistochemical analysis of paraffin-embedded human adenocarcinoma using anti-JNK2 Rabbit Antibody at 1:200 dilution. Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0

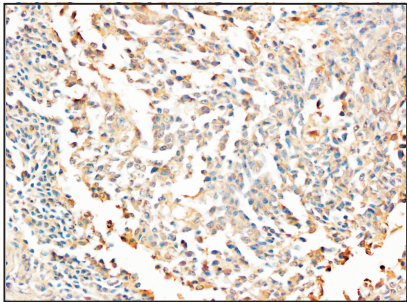
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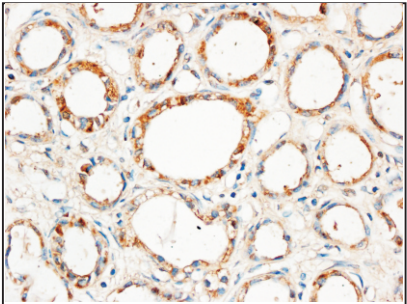
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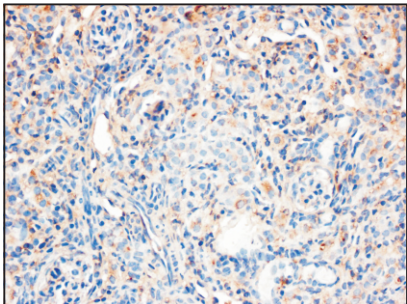
Immunohistochemistry-Anti-JNK2 pAb

Immunohistochemical analysis of paraffin-embedded human pancreatic cancer using anti-JNK2 Rabbit Antibody at 1:200 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



Immunohistochemistry-Anti-JNK2 pAb

Immunohistochemical analysis of paraffin-embedded human kidney using anti-JNK2 Rabbit Antibody at 1:200 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



Immunohistochemistry-Anti-JNK2 pAb

Immunohistochemical analysis of paraffin-embedded mouse kidney using anti-JNK2 Rabbit Antibody at 1:200 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0

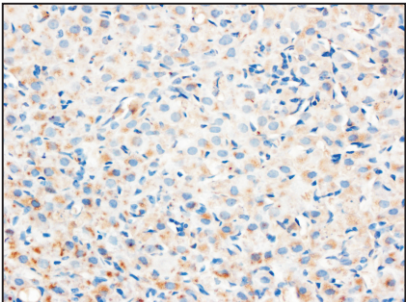
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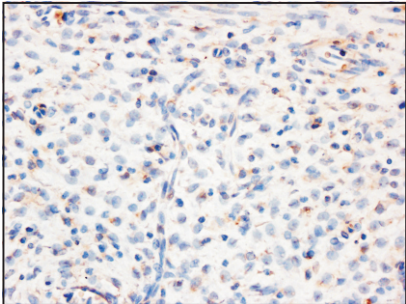
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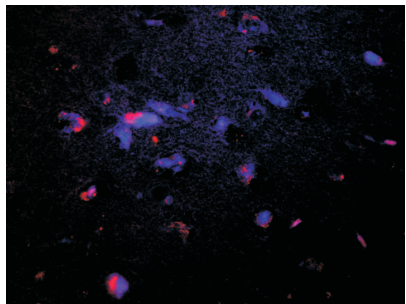
Immunohistochemistry-Anti-JNK2 pAb

Immunohistochemical analysis of paraffin-embedded rat ovary using anti-JNK2 Rabbit Antibody at 1:200 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



Immunohistochemistry-Anti-JNK2 pAb

Immunohistochemical analysis of paraffin-embedded rat uterus using anti-JNK2 Rabbit Antibody at 1:200 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



Immunofluorescence-Anti-JNK2 pAb

Immunofluorescence analysis of paraffin-embedded human glioma using anti-JNK2 Rabbit Antibody at 1:200 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0

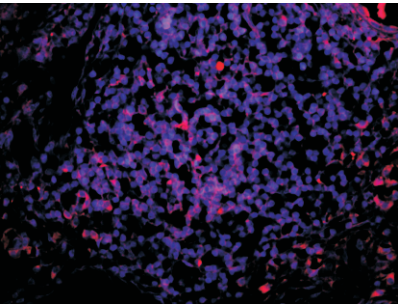
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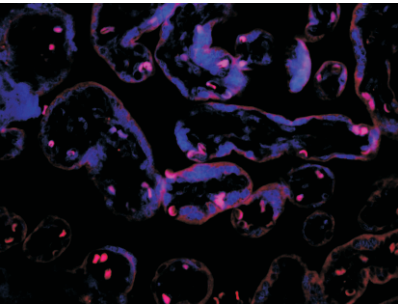


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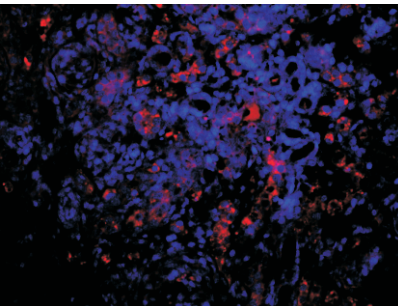
Immunofluorescence-Anti-JNK2 pAb

Immunofluorescence analysis of paraffin-embedded human kidney using anti-JNK2 Rabbit Antibody at 1:200 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



Immunofluorescence-Anti-JNK2 pAb

Immunofluorescence analysis of paraffin-embedded human placenta using anti-JNK2 Rabbit Antibody at 1:200 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



Immunofluorescence-Anti-JNK2 pAb

Immunofluorescence analysis of paraffin-embedded mouse kidney using anti-JNK2 Rabbit Antibody at 1:200 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0

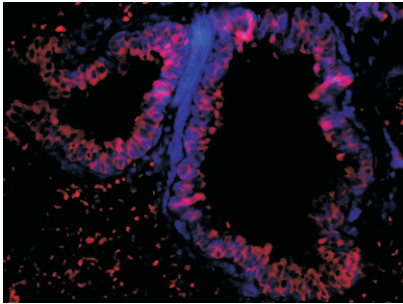
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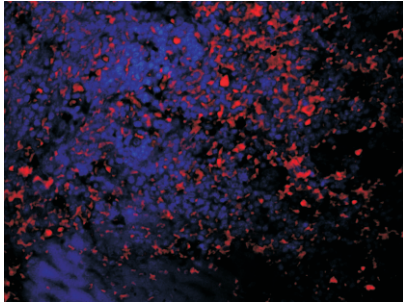


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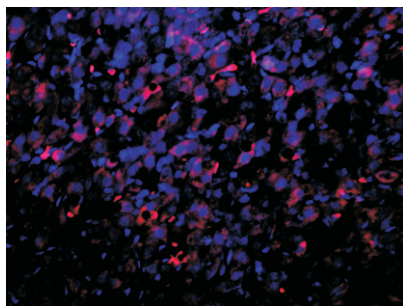
Immunofluorescence-Anti-JNK2 pAb

Immunofluorescence analysis of paraffin-embedded mouse lung using anti-JNK2 Rabbit Antibody at 1:200 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



Immunofluorescence-Anti-JNK2 pAb

Immunofluorescence analysis of paraffin-embedded mouse spleen using anti-JNK2 Rabbit Antibody at 1:200 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



Immunofluorescence-Anti-JNK2 pAb

Immunofluorescence analysis of paraffin-embedded rat ovary using anti-JNK2 Rabbit Antibody at 1:200 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0