

Product Datasheet

JNK1 [p Thr183] Antibody - BSA Free NB100-82009

Unit Size: 0.05 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NB100-82009

JNK1 [p Thr183] Antibody - BSA Free

Product Information	
Unit Size	0.05 ml
Concentration	1.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150 mM NaCl, 50% glycerol
Target Molecular Weight	50 kDa
Product Description	
Description	Novus Biologicals Rabbit JNK1 [p Thr183] Antibody - BSA Free (NB100-82009) is a polyclonal antibody validated for use in IHC and WB. Anti-JNK1 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	5599
Gene Symbol	MAPK8
Species	Human, Mouse, Rat
Specificity/Sensitivity	Detects endogenous levels of JNK1 only when phosphorylated at threonine 183.
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human JNK1 around the phosphorylation site of threonine 183 (M-M-TP-P-Y).
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500-1:1000, Immunohistochemistry 1:50-1:100, Immunohistochemistry-Paraffin 1:50-1:100
Application Notes	This antibody is useful for Immunohistochemistry-Paraffin 1:50-1:100. Optimal dilutions should be determined by end user.



Images

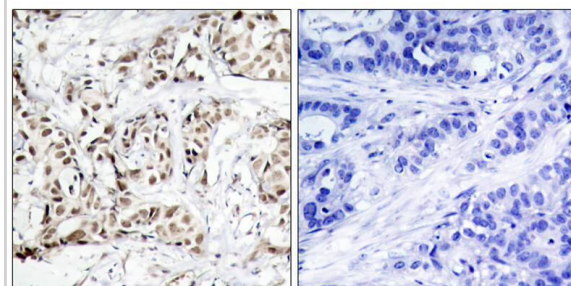
Western Blot: JNK1 [p Thr183] Antibody [NB100-82009] - Analysis of extracts from 293 cells using NB100-82009 (Lane 2) and the same antibody preincubated with blocking peptide (Lane1).



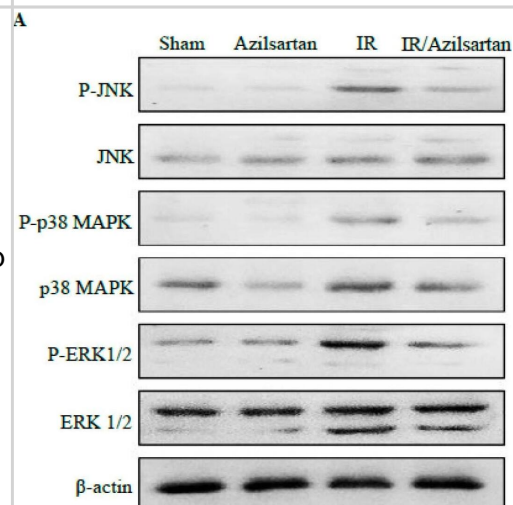
Western Blot: JNK1 [p Thr183] Antibody [NB100-82009] - Analysis of extracts from 293 cells, treated with UV or calf intestinal phosphatase (CIP), using SAPK/JNK (Phospho-Thr183) Antibody



Immunohistochemistry: JNK1 [p Thr183] Antibody [NB100-82009] - Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using NB100-82009



Effect of azilsartan on the expression of p38 MAPK, ERK1/2, and JNK proteins. (A) Representative Western blots of phosphorylated and total p38 MAPK, ERK1/2, JNK, and β -actin proteins for different groups. (B) Expressions of phosphorylated/total ratio of proteins were densitometrically expressed as fold change, using bands in (A), relative to that of sham control rats, after normalization to the corresponding β -actin. Bars represent mean \pm SD. Followed by post hoc Dunnett test, significant difference was analyzed by two-way ANOVA test, where ***; $p < 0.001$, compared to the sham group, and ### $p < 0.001$, compared to the IR group. p38 MAPK; Mitogen Activated Protein Kinase, ERK1/2; extracellular signal-regulated protein kinase, c-JNK; Jun N terminal kinase, SD; standard deviation, IR; ischemia reperfusion. Image collected and cropped by CiteAb from the following open publication (<https://www.mdpi.com/2073-4409/12/1/185>), licensed under a CC-BY license. Not internally tested by Novus Biologicals.



Publications

Yan F, Göransson S, Olofsson H et al. Matrix stiffness-induced IKBKE and MAPK8 signaling drives a phenotypic switch from DCIS to invasive breast cancer. *Cell communication and signaling* : CCS 2025-06-05 [PMID: 40468448]

Wang PX, Ji YX, Zhang XJ et al. Targeting CASP8 and FADD-like apoptosis regulator ameliorates nonalcoholic steatohepatitis in mice and nonhuman primates. *Nat. Med.* 2017-02-20 [PMID: 28218919]

Gao L, Wang PX, Zhang Y et al. Tumor necrosis factor receptor-associated factor 5 (Traf5) acts as an essential negative regulator of hepatic steatosis. *J Hepatol* 2016-07-01 [PMID: 27032381]





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Products Related to NB100-82009

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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