

Rabbit JNK1 Polyclonal Antibody | anti-JNK1 antibody

JNK1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA29866	Rabbit	Human, Mouse, Rat, Zebrafish	Western Blot, Immunocytochemistry, Immunohistochemistry, Flow Cytometry, Functional Assay

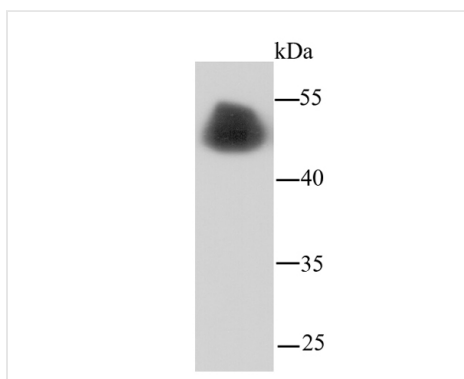
PRODUCT SYNONYMS

JNK1; Polyclonal Antibody; JNK1 Antibody; AI849689 antibody; c Jun N terminal kinase 1 antibody; C-JUN kinase 1 antibody; c-Jun N-terminal kinase 1 antibody; EC 2.7.11.24 antibody; JNK 1 antibody; JNK antibody; JNK-46 antibody; JNK1A2 antibody; JNK21B1/2 antibody; MAP kinase 8 antibody; MAPK 8 antibody; mapk8 antibody; Mitogen activated protein kinase 8 antibody; Mitogen-activated protein kinase 8 antibody; MK08_HUMAN antibody; p54 gamma antibody; Prkm8 antibody; Protein kinase JNK1 antibody; Protein kinase; mitogen-activated; 8 antibody; SAPK 1 antibody; SAPK gamma antibody; SAPK1 antibody; Stress-activated protein kinase 1 antibody; Stress-activated protein kinase JNK1 antibody; anti-JNK1 antibody

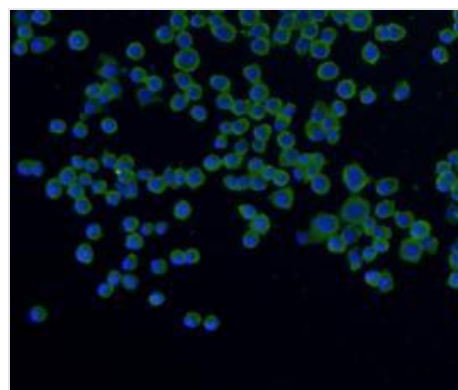
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Immunogen affinity purified
Form/Format	1*TBS (pH7.4), 0.5%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-JNK1 antibody	WB (Western Blot), ICC (Immunocytochemistry), IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry)
Application Notes	WB: 1:1000-1:2000 IHC: 1:50-1:200 ICC: 1:50-1:200 FC/FACS: 1:50-1:100
Immunogen	Peptide
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

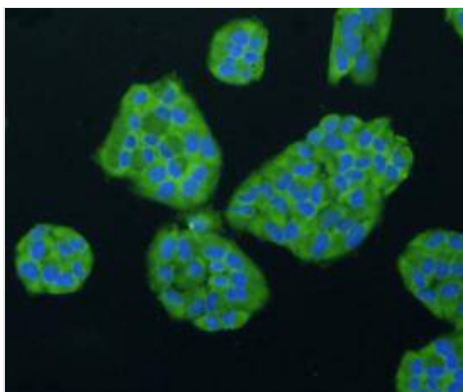
IMAGES


WB (Western Blot)

Western blot analysis of JNK1 on hybrid fish (crucian-carp) brain tissue lysate using anti-JNK1 antibody at 1/500 dilution.

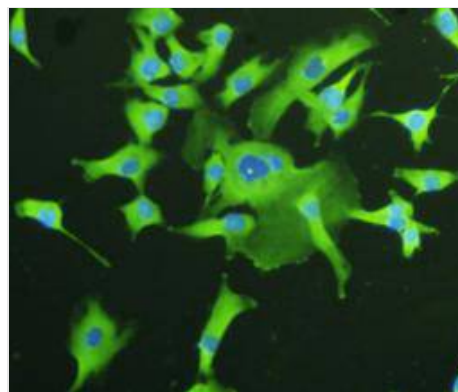

ICC (Immunocytochemistry)

ICC staining of BDNF in N2A cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



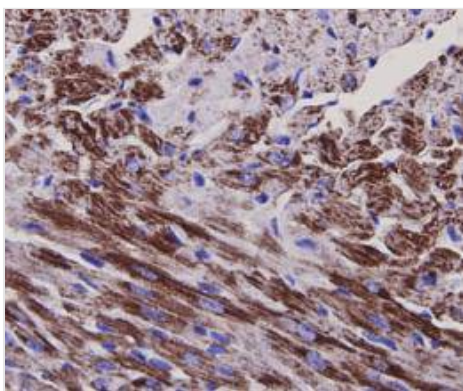
ICC (Immunocytochemistry)

ICC staining of BDNF in HeLa cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



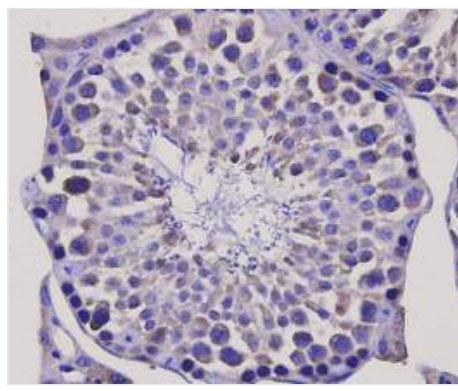
ICC (Immunocytochemistry)

ICC staining of BDNF in A172 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded mouse heart tissue using anti-BDNF antibody. Counter stained with hematoxylin.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded mouse testis tissue using anti-BDNF antibody. Counter stained with hematoxylin.

ADDITIONAL INFORMATION

Related Product Information for anti-JNK1 antibody	Serine/threonine-protein kinase involved in various processes such as cell proliferation, differentiation, migration, transformation and programmed cell death. Extracellular stimuli such as proinflammatory cytokines or physical stress stimulate the stress-activated protein kinase/c-Jun N-terminal kinase (SAP/JNK) signaling pathway. In this cascade, two dual specificity kinases MAP2K4/MKK4 and MAP2K7/MKK7 phosphorylate and activate MAPK8/JNK1. In turn, MAPK8/JNK1 phosphorylates a number of transcription factors, primarily components of AP-1 such as JUN, JDP2 and ATF2 and thus regulates AP-1 transcriptional activity.
Product Categories/Family for anti-JNK1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	2507195
NCBI GeneID	5599
UniProt Accession #	P45983 ; Q15709 ; Q15712 ; Q15713 ; Q308M2 ; B5BTZ5 ; B7ZLV4 ; D3DX88 ; D3DX92
Molecular Weight	427
NCBI Official Full Name	Mitogen-activated protein kinase 8
NCBI Official Synonym Full Names	mitogen-activated protein kinase 8
NCBI Official Symbol	MAPK8
NCBI Official Synonym Symbols	JNK; JNK1; PRKM8; SAPK1; JNK-46; JNK1A2; SAPK1c; JNK21B1/2

NCBI Protein Information	mitogen-activated protein kinase 8; MAP kinase 8; JUN N-terminal kinase; c-Jun N-terminal kinase 1; stress-activated protein kinase 1; stress-activated protein kinase 1c; mitogen-activated protein kinase 8 isoform JNK1 beta2; mitogen-activated protein kin
UniProt Protein Name	Mitogen-activated protein kinase 8
UniProt Gene Name	MAPK8
UniProt Synonym Gene Names	JNK1; PRKM8; SAPK1; SAPK1C; MAP kinase 8; MAPK 8; SAPK1c
UniProt Entry Name	MK08_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/jnk1-antibody-western-blot-immunocytochemistry-immunohistochemistry-flow-cytometry-elisa/29866>