

Rabbit JNK Polyclonal Antibody | anti-JNK antibody

JNK Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA312000	Rabbit	Human, Mouse, Rat	Flow Cytometry, Functional Assay, Immunofluorescence, Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

JNK; Polyclonal Antibody; JNK Antibody; A1849689 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-JNK antibody

PRODUCT SPECIFICATIONS

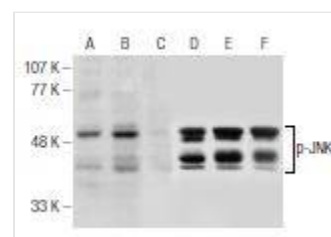
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Immunogen affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-JNK antibody	FCM/FACS (Flow Cytometry), IF (Immunofluorescence), IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Amino acids 1-384 representing full length JNK1 of human origin.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



WB (Western Blot)

Western blot analysis of JNK p46 and JNK p54 expression in K-562 (A), A-431 (B), NIH/3T3 (C), HeLa (D), RAW264.7 (E) and Jurkat (F) whole cell lysates.



WB (Western Blot)

Western blot analysis of JNK phosphorylation in untreated (A, D), anisomycin treated (B, E) and anisomycin and lambda protein phosphatase treated (C, F) Jurkat whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-JNK antibody	c-Jun N-terminal kinases (JNKs) phosphorylate and augment transcriptional activity of c-Jun. JNKs originate from three genes that yield ten isoforms through alternative mRNA splicing, including JNK1alpha1, JNK1beta 1, JNK2alpha1, JNK2beta 1 and JNK3alpha1, which represent the p46 isoforms, and JNK1alpha2, JNK1beta 2, JNK2alpha2, JNK2beta 2 and JNK3beta 2, 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. Nitrogen oxides (NOx) upregulate JNK1 in addition to c-Fos, c-Jun and other signaling kinases, including MEKK1 and p38.
Product Categories/Family for anti-JNK 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/jnk-antibody-flow-cytometry-immunofluorescence-immunoprecipitation-western-blot-elisa/312000>