

Rabbit JNK1/JNK2/JNK3 Polyclonal Antibody | anti-JNK1/JNK2/JNK3 antibody

JNK1/JNK2/JNK3 (phospho-Thr183/Tyr185) Antibody

CATALOG # AAA305548	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot
-------------------------------	-----------------------	--	---

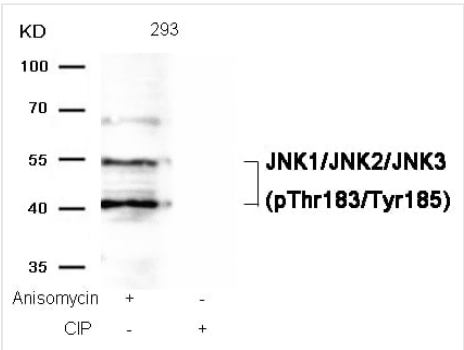
PRODUCT SYNONYMS

JNK1/JNK2/JNK3; Polyclonal Antibody; JNK1/JNK2/JNK3 (phospho-Thr183/Tyr185) Antibody; Stress-activated protein kinase JNK1; c-Jun N-terminal kinase 1; JNK-46; anti-JNK1/JNK2/JNK3 antibody

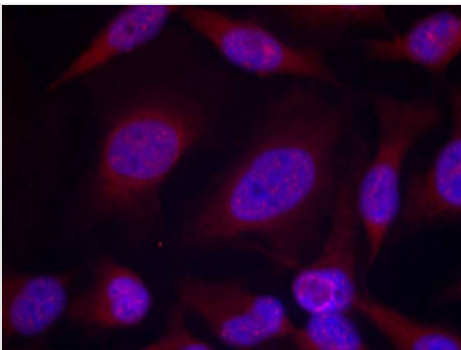
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of JNK1/JNK2/JNK3 only when phosphorylated at Thr183/Tyr185.
Purity/Purification	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography.
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	427
Applicable Applications for anti-JNK1/JNK2/JNK3 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around phosphorylation site of Thr183/Tyr185 (M-M-T(p)-P-Y(p)-V - V) derived from Human JNK1/JNK2/JNK3.
Modification	Phospho-Thr183/Tyr185
Target Name	JNK1/JNK2/JNK3
Preparation and Storage	Store at -20 degree C for long term preservation (recommended). Store at 4 degree C for short term use.

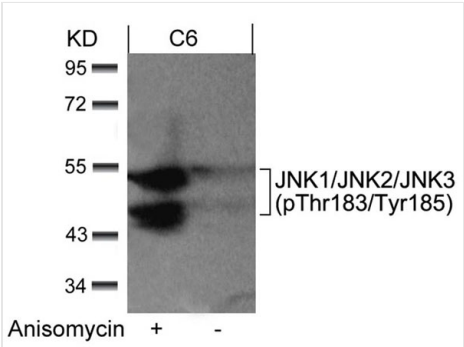
IMAGES



WB (Western Blot)
Western blot analysis of extracts from 293 cells, treated with Anisomycin or calf intestinal phosphatase (CIP), using JNK1/JNK2/JNK3 (phospho-Thr183/Tyr185) Antibody.



IF (Immunofluorescence)
Immunofluorescence staining of methanol-fixed Hela cells using JNK1/JNK2/JNK3(phospho-Thr183/Tyr185) Antibody.



WB (Western Blot)
Western blot analysis of extracts from C6 cells untreated or treated with anisomycin using JNK1/JNK2/JNK3(phospho-Thr183/Tyr185) Antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-JNK1/JNK2/JNK3 antibody	Responds to activation by environmental stress and pro-inflammatory cytokines by phosphorylating a number of transcription factors, primarily components of AP-1 such as JUN, JDP2 and ATF2 and thus regulates AP-1 transcriptional activity. In T-cells, JNK1 and JNK2 are required for polarized differentiation of T-helper cells into Th1 cells By similarity. Phosphorylates heat shock factor protein 4 (HSF4). /Responds to activation by environmental stress and pro-inflammatory cytokines by phosphorylating a number of transcription factors, primarily components of AP-1 such as c-Jun and ATF2 and thus regulates AP-1 transcriptional activity. In T-cells, JNK1 and JNK2 are required for polarized differentiation of T-helper cells into Th1 cells. JNK2 isoforms display different binding patterns: a-1 and a-2 preferentially bind to c-Jun, whereas beta-1 and beta-2 bind to ATF2. However, there is no correlation between binding and phosphorylation, which is achieved at about the same efficiency by all isoforms. JUNB is not a substrate for JNK2 a-2, and JUND binds only weakly to it. /Responds to activation by environmental stress and pro-inflammatory cytokines by phosphorylating a number of transcription factors, primarily components of AP-1 such as c-Jun and ATF2 and thus regulates AP-1 transcriptional activity. Required for stress-induced neuronal apoptosis and the pathogenesis of glutamate excitotoxicity
Product Categories/Family for anti-JNK1/JNK2/JNK3 antibody	Phospho-specific Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	513788279
NCBI GeneID	5599
NCBI Accession #	NP_001265476.1
NCBI GenBank Nucleotide #	NM_001278547.1
UniProt Accession #	P45983; Q15709; Q15712; Q15713; Q308M2; B5BTZ5; B7ZLV4; D3DX88; D3DX92

Molecular Weight	35,333 Da
NCBI Official Full Name	mitogen-activated protein kinase 8 JNK1 beta2
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
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/jnk1-jnk2-jnk3-antibody-immunofluorescence-western-blot-elisa/305548>