

Rabbit JNK3 Polyclonal Antibody | anti-JNK3 antibody

JNK3 Rabbit Polyclonal Antibody

CATALOG # AAA293829	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry
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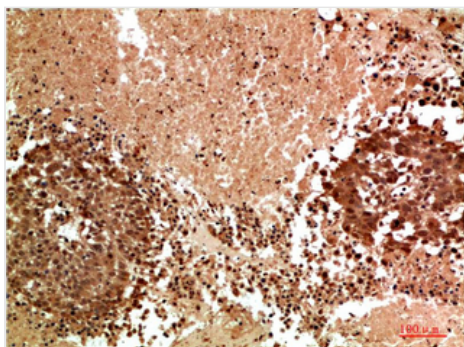
PRODUCT SYNONYMS

JNK3; Polyclonal Antibody; JNK3 Rabbit Polyclonal Antibody; Mitogen-activated protein kinase 10 (MAP kinase 10)(MAPK 10)(EC 2.7.11.24)(MAP kinase p49 3F12)(Stress-activated protein kinase 1b)(SAPK1b)(Stress-activated protein kinase JNK3)(c-Jun N-terminal kinase 3); anti-JNK3 antibody

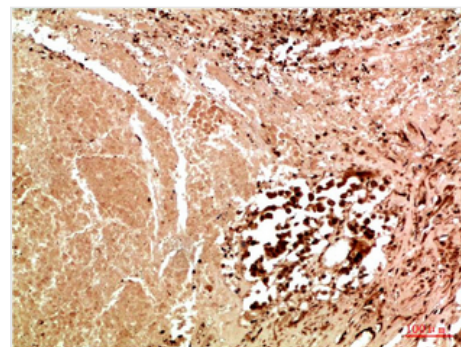
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Applicable Applications for anti-JNK3 antibody	IHC (Immunohistochemistry)
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



Application Data
Dilution: IHC-p 1:50-300



IHC (Immunohistochemistry)
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ADDITIONAL INFORMATION

Related Product Information for anti-JNK3 antibody

Serine/threonine-protein kinase involved in various processes such as neuronal proliferation, differentiation, migration 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 MAPK10/JNK3. In turn, MAPK10/JNK3 phosphorylates a number of transcription factors, primarily components of AP-1 such as JUN and ATF2 and thus regulates AP-1 transcriptional activity. Plays regulatory roles in the signaling pathways during neuronal apoptosis. Phosphorylates the neuronal microtubule regulator STMN2. Acts in the regulation of the amyloid-beta precursor protein/APP signaling during neuronal differentiation by phosphorylating APP. Participates also in neurite growth in spiral ganglion neurons. Phosphorylates the CLOCK-ARNTL/BMAL1 heterodimer and plays a role in the photic regulation of the circadian clock (PubMed:22441692).

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506081
NCBI GeneID	5602
NCBI Accession #	NP_002744.1
NCBI GenBank Nucleotide #	NM_002753.3
UniProt Accession #	P53779; Q15707; Q49AP1; A6NFS3; A6NG28; B3KQ94
Molecular Weight	52,585 Da
NCBI Official Full Name	mitogen-activated protein kinase 10 isoform 1
NCBI Official Synonym Full Names	mitogen-activated protein kinase 10
NCBI Official Symbol	MAPK10
NCBI Official Synonym Symbols	JNK3; JNK3A; PRKM10; SAPK1b; p493F12; p54bSAPK
NCBI Protein Information	mitogen-activated protein kinase 10; MAPK 10; MAP kinase 10; MAP kinase p49 3F12; JNK3 alpha protein kinase; c-Jun N-terminal kinase 3; stress-activated protein kinase 1b; stress activated protein kinase beta; stress-activated protein kinase JNK3
UniProt Protein Name	Mitogen-activated protein kinase 10
UniProt Gene Name	MAPK10
UniProt Synonym Gene Names	JNK3; JNK3A; PRKM10; SAPK1B; MAP kinase 10; MAPK 10; SAPK1b
UniProt Entry Name	MK10_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/jnk3-antibody-immunohistochemistry-elisa/293829>