Rabbit JIP-1 Polyclonal Antibody | anti-JIP-1 antibody

JIP-1 (phospho Thr103) Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA294006	**Rabbit**	**Human, Mouse, Rat**	**Immunofluorescence, Immunohistochemistry, Western Blot**

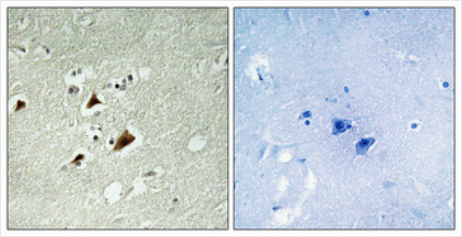
PRODUCT SYNONYMS

JIP-1; Polyclonal Antibody; JIP-1 (phospho Thr103) Polyclonal Antibody; MAPK8IP1; IB1; JIP1; PRKM8IP; C-Jun-amino-terminal kinase-interacting protein 1; JNK-interacting protein 1; Islet-brain 1; IB-1; JNK MAP kinase scaffold protein 1; Mitogen-activated protein kinase 8-interacting protein 1; anti-JIP-1 antibody

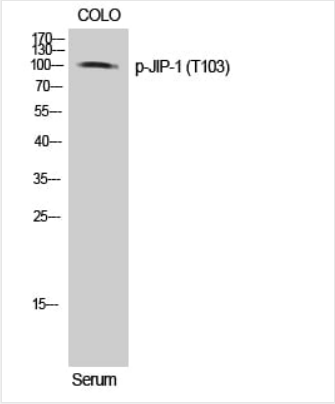
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Applicable Applications for anti-JIP-1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
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



IHC (Immunohiostchemistry)
Dilution: Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/5000. Not yet tested in other applications.



WB (Western Blot)
Dilution: Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/5000. Not yet tested in other applications.

ADDITIONAL INFORMATION

Related Product Information for anti-JIP-1 antibody	The JNK-interacting protein (JIP) group of scaffold proteins selectively mediates JNK signaling by aggregating specific components of the MAPK cascade to form a functional JNK signaling module. Required for JNK activation in response to excitotoxic stress. Cytoplasmic MAPK8IP1 causes inhibition of JNK- regulated activity by retaining JNK in the cytoplasm and inhibiting JNK phosphorylation of c-Jun. May also participate in ApoER2-specific reelin signaling. Directly, or indirectly, regulates GLUT2 gene expression and beta-cell function. Appears to have a role in cell signaling in mature and developing nerve terminals. May function as a regulator of vesicle transport, through interactions with the JNK-signaling components and motor proteins. Functions as an anti-apoptotic protein and whose level seems to influence the beta-cell death or survival response. Acts as a scaffold protein that coordinates with SH3RF1 in organizing different components of the JNK pathway, including RAC1 or RAC2, MAP3K11/MLK3 or MAP3K7/TAK1, MAP2K7/MKK7, MAPK8/JNK1 and/or MAPK9/JNK2 into a functional multiprotein complex to ensure the effective activation of the JNK signaling pathway. Regulates the activation of MAPK8/JNK1 and differentiation of CD8 (+) T-cells.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4885433
NCBI GeneID	9479
NCBI Accession #	NP_005447.1
NCBI GenBank Nucleotide #	NM_005456.3
UniProt Accession #	Q9UQF2; O43407; D3DQP4
Molecular Weight	77,524 Da
NCBI Official Full Name	C-Jun-amino-terminal kinase-interacting protein 1
NCBI Official Synonym Full Names	mitogen-activated protein kinase 8 interacting protein 1
NCBI Official Symbol	MAPK8IP1
NCBI Official Synonym Symbols	IB1; JIP1; JIP-1; PRKM8IP
NCBI Protein Information	C-Jun-amino-terminal kinase-interacting protein 1; IB-1; islet-brain 1; JNK-interacting protein 1; PRKM8 interacting protein; JNK MAP kinase scaffold protein 1
UniProt Protein Name	C-Jun-amino-terminal kinase-interacting protein 1
UniProt Gene Name	**MAPK8IP1**
UniProt Synonym Gene Names	IB1; JIP1; PRKM8IP; JIP-1; JNK-interacting protein 1; IB-1
UniProt Entry Name	JIP1_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/jip-1-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/294006