

Rabbit anti-Human JIP1 Polyclonal Antibody | anti-MAPK8IP1 antibody

JIP1 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289049	Rabbit	Human	Immunofluorescence, Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This JIP1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 470-498 amino acids from the C-terminal region of human JIP1.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	470-498
Sequence Length	711
Applicable Applications for anti-MAPK8IP1 antibody	IF (Immunofluorescence), FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IF (Immunofluorescence)

Confocal immunofluorescent analysis of JIP1 Antibody (C-term) with MCF-7 cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used to stain the cell nuclear (blue).



FCM/FACS (Flow Cytometry)

JIP1 Antibody (C-term) flow cytometry analysis of MCF-7 cells (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)

Formalin-fixed and paraffin-embedded human brain tissue reacted with JIP1 Antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)

Western blot analysis of JIP1 Antibody (C-term) in MCF-7 cell line lysates (35ug/lane). JIP1 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-MAPK8IP1 antibody	JIP1 is a regulator of the pancreatic beta-cell function. It is highly similar to JIP-1, a mouse protein known to be a regulator of c-Jun amino-terminal kinase (Mapk8). This protein has been shown to prevent MAPK8 mediated activation of transcription factors, and decrease IL-1 beta and MAP kinase kinase 1 (MEKK1) induced apoptosis in pancreatic beta cells. This protein also functions as a DNA-binding transactivator of the glucose transporter GLUT2.
References	Mooser,V., et.al., Genomics 55 (2), 202-208 (1999)

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	77524
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
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/jip1-antibody-immunofluorescence-flow-cytometry-immunohistochemistry-western-blot-elisa/289049>