

Rabbit anti-Human, Mouse JIP3 Polyclonal Antibody | anti-JIP3 antibody

JIP3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324165	Rabbit	Human, Mouse	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

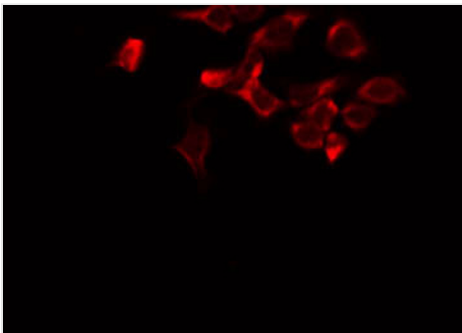
PRODUCT SYNONYMS

JIP3; Polyclonal Antibody; JIP3 Antibody; C-jun-amino-terminal kinase-interacting protein 3; FLJ00027; Homolog of Drosophila Sunday driver 2; JIP-3; JIP3_HUMAN; JNK/Stress Activated Protein Kinase Associated Protein 1; JNK Interacting Protein 3; JNK MAP kinase scaffold protein 3; JNK-interacting protein 3; JNK/SAPK associated protein 1; JSAP1; KIAA1066; MAPK8IP3; Mitogen Activated Protein kinase 8 Interacting Protein 3; Mitogen-activated protein kinase 8-interacting protein 3; Syd; SYD2; anti-JIP3 antibody

PRODUCT SPECIFICATIONS

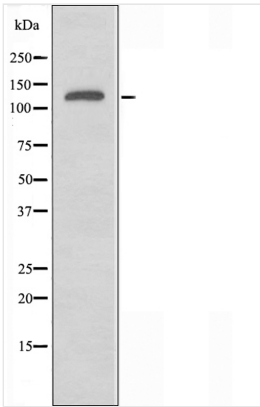
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	JIP3 antibody detects endogenous levels of total JIP3
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	1330
Applicable Applications for anti-JIP3 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Cytoplasm.
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Dog, Chicken
Similarity	Pig (80%), Bovine (100%), Horse (91%), Sheep (100%), Dog (100%), Chicken (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA324165 staining HeLa by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



WB (Western Blot)

Western blot analysis of extracts from HeLa cells, using JIP3 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-JIP3 antibody

Function: 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. May function as a regulator of vesicle transport, through interactions with the JNK-signaling components and motor proteins (By similarity).

Subunit Structure: Forms homo- or heterooligomeric complexes. The central region of MAPK8IP3 interacts with the C-terminal of MAPK8IP2 but not MAPK8IP1. Binds specific components of the JNK signaling pathway namely MAPK8/JNK1, MAPK9/JNK2 and MAPK10/JNK3 to the N-terminal region, MAP2K4/MKK4 and MAP2K7/MKK7 to the central region and MAP3K11 to the C-terminal region. Binds the TPR motif-containing C-terminal of kinesin light chain, KLC1. Pre-assembled MAPK8IP1 scaffolding complexes are then transported as a cargo of kinesin, to the required subcellular location (By similarity). Interacts with ROCK1 and this interaction is enhanced by ultraviolet-B (UVB) radiation.

Post-translational Modifications: Phosphorylation by ROCK1 is crucial for the recruitment of JNK.

Similarity: Belongs to the JIP scaffold family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	94557295
NCBI GeneID	23162
NCBI Accession #	NP_001035529.1
NCBI GenBank Nucleotide #	NM_001040439.1
UniProt Accession #	Q9UPT6; Q96RY4; Q9H4I4; Q9H7P1; Q9NUG0; A2A2B3; A7E2B3
Molecular Weight	Observed: 147 kD Predicted: 148 kDa
NCBI Official Full Name	C-Jun-amino-terminal kinase-interacting protein 3 isoform 2
NCBI Official Synonym Full Names	mitogen-activated protein kinase 8 interacting protein 3
NCBI Official Symbol	MAPK8IP3
NCBI Official Synonym Symbols	syd; JIP3; SYD2; JIP-3; JSAP1
NCBI Protein Information	C-Jun-amino-terminal kinase-interacting protein 3
UniProt Protein Name	C-Jun-amino-terminal kinase-interacting protein 3
UniProt Gene Name	MAPK8IP3

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://www.aaabiotech.com/polyclonal/jip3-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/324165>