JIP3 Antibody FITC Conjugated

Catalog No: #C02749F

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Description

Product Name	JIP3 Antibody FITC Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	IF(IHC-P)
Species Reactivity	Hu Ms Rt
Immunogen Description	KLH conjugated synthetic peptide derived from human JIP3
Conjugates	FITC
Target Name	JIP3
Other Names	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; KIAA1066; MAPK8IP3; Mitogen Acti
Concentration	1mg ml
Formulation	10mM Tris Buffered Saline containing 1% BSA, 50% glycerol and 0.09% sodium azide.
Storage	Store at 4C for 12 months.

Application Details

Immunofluorescence: 1:50-200

Background

The JNK-interacting proteins (JIPs) are a family of scaffold proteins that mediate JNK signaling by organizing specific components of the MAPK cascade together to form a functional JNK signaling molecule. JIP-3 (JNK-interacting protein 3), also known as JSAP1 or MAPK8IP3 (Mitogen-activated protein kinase 8-interacting protein 3), is a 1,336 amino acid protein that localizes to the cytoplasm and belongs to the JIP family. Expressed in a variety of tissues, including brain and heart, JIP-3 forms homo- or heterooligomeric complexes that can interact with several components of the JNK signaling pathway, thereby functioning as a regulator of kinesin-dependent axonal transport that may also play a role in scaffold formation within neuronal cells. Human JIP-3, which may be phosphorylated upon DNA damage, shares 69% similarity with its mouse counterpart, suggesting a conserved role between species. Multiple isoforms of JIP-3 exist due to alternative splicing events.