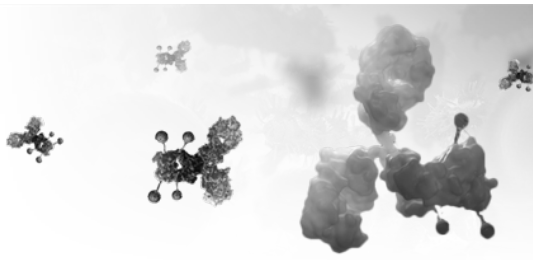

Human MAPK8IP3 blocking peptide (CDBP1645)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-JIP3/Syd2/JSAP1 antibody
Antigen Description	The protein encoded by this gene shares similarity with the product of Drosophila syd gene, required for the functional interaction of kinesin I with axonal cargo. Studies of the similar gene in mouse suggested that this protein may interact with, and regulate the activity of numerous protein kinases of the JNK signaling pathway, and thus function as a scaffold protein in neuronal cells. The C. elegans counterpart of this gene is found to regulate synaptic vesicle transport possibly by integrating JNK signaling and kinesin-1 transport. Several alternatively spliced transcript variants of this gene have been described, but the full-length nature of some of these variants has not been determined. [provided by RefSeq, Jul 2008]
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name	MAPK8IP3 mitogen-activated protein kinase 8 interacting protein 3 [Homo sapiens (human)]

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Official Symbol	MAPK8IP3
Synonyms	MAPK8IP3; mitogen-activated protein kinase 8 interacting protein 3; syd; JIP3; SYD2; JSAP1; C-Jun-amino-terminal kinase-interacting protein 3; JIP-3; JNK-interacting protein 3; JNK/SAPK-associated protein-1; JNK MAP kinase scaffold protein 3; homolog of Drosophila Sunday driver 2; C-jun-amino-terminal kinase interacting protein 3; JNK/stress-activated protein kinase-associated protein 1; mitogen-activated protein kinase 8-interacting protein 3;
Entrez Gene ID	23162
mRNA Refseq	NM_001040439.1
Protein Refseq	NP_001035529.1
UniProt ID	E9PFH7
Chromosome Location	16p13.3
Pathway	Arf6 trafficking events, organism-specific biosystem; MAPK signaling pathway, organism-specific biosystem; MAPK signaling pathway, organism-specific biosystem; MAPK signaling pathway, conserved biosystem; Signaling events mediated by focal adhesion kinase, organism-specific biosystem;
Function	JUN kinase binding; MAP-kinase scaffold activity; kinesin binding; mitogen-activated protein kinase kinase binding; mitogen-activated protein kinase kinase kinase binding; protein kinase binding;

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