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# Datasheet for ABIN317721 anti-JIP3 antibody

2 Images



#### Overview

Quantity:	0.1 mg
Target:	JIP3 (MAPK8IP3)
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This JIP3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

#### Product Details

Specificity:	This antibody detects endogenous levels of JIP-3 protein.(region surrounding GIn649)
Cross-Reactivity (Details):	Species reactivity (tested):Human and Mouse.
Purification:	Affinity Chromatography using epitope-specific Immunogen.

### Target Details

Target:	JIP3 (MAPK8IP3)
Alternative Name:	JIP-3 (MAPK8IP3 Products)
Background:	C-Jun NH2-terminal kinases (JNKs) are distant members of the MAP kinase family. JNK1 is activated by dual phosphorylation at a Thr-Pro-Tyr motif in response to ultraviolet (UV) light,
	and it functions to phosphorylate c-Jun at amino terminal serine regulatory sites Ser 63 and Ser
	73, resulting in transcriptional activation. Two additional JNK family members, JNK2 and JNK3,

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	have been identified. JIP-1 (for JNK interacting protein-1) has been identified as a cytoplasmic inhibitor of JNK that retains JNK in the cytoplasm, thereby inhibiting JNK-regulated gene expression. Evidence suggests that JNK1 and JNK2 bind to JIP-1 with greater affinity than to ATF-2 and c-Jun, which are targets of the JNK signaling pathway. JIP-1 contains an amino
	terminal JNK binding domain and a carboxy terminal SH3 domain. ATF-2 and c-Jun also contain the JNK binding domain and are thought to compete with JIP-1 for JNK binding.
	Multiple splice variants of JIP-1, including JIP-1b, JIP-1c (also designated islet-brain 1 or IB-1),
	JIP-2a, JIP-2b and JIP-3, have been identified in brain.Synonyms: C-jun-amino-terminal kinase-
	interacting protein 3, JIP3, JNK MAP kinase scaffold protein 3, JNK-interacting protein 3,
	MAPK8IP3, Mitogen-activated protein kinase 8-interacting protein 3
Gene ID:	23162
NCBI Accession:	NP_001035529
UniProt:	Q9UPT6
Application Details	
Application Notes:	ELISA: 1/20000approx. 1/40000. Western Blot: 1/500approx. 1/1000. Immunohistochemistry:
	1/50approx. 1/200. Immunofluorescence: 1/50approx. 1/200.
	Other applications not tested.
	Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only
Handling	
Concentration:	1,0 mg/mL
Buffer:	Phosphate buffered saline (PBS), pH 7.2., 0.05 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.

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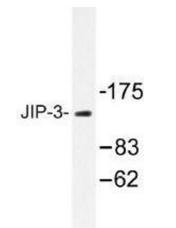


Image 1.

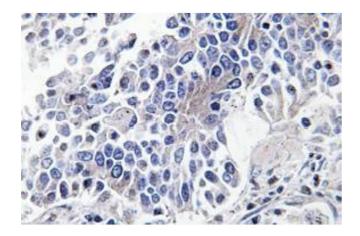


Image 2.

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