

**ARG63322**  
**anti-JIP3 / Syd 2 / JSAP1 antibody**Package: 100 µg  
Store at: -20°C

### Summary

Product Description	Goat Polyclonal antibody recognizes JIP3 / Syd 2 / JSAP1
Tested Reactivity	Ms
Predict Reactivity	Hu, Rat, Cow
Tested Application	IHC-P
Specificity	This antibody is expected to recognise both reported Human isoforms of this protein (as represented by NP_055948.2 and NP_001035529.1).
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	JIP3 / Syd 2 / JSAP1
Species	Human
Immunogen	MEIQMDEGGGVV-C
Conjugation	Un-conjugated
Alternate Names	JIP-3; Mitogen-activated protein kinase 8-interacting protein 3; syd; JIP3; JNK MAP kinase scaffold protein 3; JNK-interacting protein 3; JSAP1; C-Jun-amino-terminal kinase-interacting protein 3; SYD2

### Application Instructions

Application table	Application	Dilution
	IHC-P	4 - 6 µg/ml

**Application Note** IHC-P: Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0).  
\* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

### Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed

before use.

Note

For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

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Database links

[GeneID: 30957 Mouse](#)

[Swiss-port # Q9ESN9 Mouse](#)

Background

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]

Research Area

Signaling Transduction antibody

Calculated Mw

147 kDa

PTM

Phosphorylation by ROCK1 is crucial for the recruitment of JNK.

## Images

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ARG63322 anti-JIP3 / Syd 2 / JSAP1 antibody IHC-P image

Immunohistochemistry: Paraffin embedded Mouse Brain. (Steamed antigen retrieval with citrate buffer pH 6) stained with ARG63322 anti-JIP3 / Syd 2 / JSAP1 antibody at 4 µg/ml dilution followed by HRP-staining.