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Datasheet for ABIN903238

## anti-MAPK8IP1 antibody (AA 425-524) (Alexa Fluor 488)

### Overview

Quantity:	100 µL
Target:	MAPK8IP1
Binding Specificity:	AA 425-524
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MAPK8IP1 antibody is conjugated to Alexa Fluor 488
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human JIP1/MAPK8IP1
Isotype:	IgG
Cross-Reactivity:	Human, Rat
Predicted Reactivity:	Mouse,Dog,Cow,Sheep,Pig,Horse
Purification:	Purified by Protein A.

### Target Details

Target:	MAPK8IP1
Alternative Name:	MAPK8IP1 ( <a href="#">MAPK8IP1 Products</a> )

## Target Details

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**Background:** Synonyms: IB1, JIP1, JIP-1, PRKM8IP, C-Jun-amino-terminal kinase-interacting protein 1, JNK-interacting protein 1, Islet-brain 1, IB-1, JNK MAP kinase scaffold protein 1, Mitogen-activated protein kinase 8-interacting protein 1, MAPK8IP1

Background: 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. Required for JNK activation in response to excitotoxic stress. Cytoplasmic MAPK8IP1 causes inhibition of JNK-regulated activity by retaining JNK in the cytoplasm and inhibiting JNK phosphorylation of c-Jun. May also participate in ApoER2-specific reelin signaling. Directly, or indirectly, regulates GLUT2 gene expression and beta-cell function. Appears to have a role in cell signaling in mature and developing nerve terminals. May function as a regulator of vesicle transport, through interactions with the JNK-signaling components and motor proteins (By similarity). Functions as an anti-apoptotic protein and whose level seems to influence the beta-cell death or survival response.

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**Gene ID:** 9479

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**UniProt:** [Q9UQF2](#)

## Application Details

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**Application Notes:** IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

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**Restrictions:** For Research Use only

## Handling

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**Format:** Liquid

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**Concentration:** 1 µg/µL

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**Buffer:** Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

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**Preservative:** ProClin

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**Precaution of Use:** This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

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**Storage:** -20 °C

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**Storage Comment:** Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

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## Handling

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Expiry Date: 12 months