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JIP2 Antibody

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP51328

Product Information

Application	WB, ICC, IHC-P
Primary Accession	Q13387
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	87975

Additional Information

Gene ID	23542
Other Names	C-Jun-amino-terminal kinase-interacting protein 2, JIP-2, JNK-interacting protein 2, Islet-brain-2, IB-2, JNK MAP kinase scaffold protein 2, Mitogen-activated protein kinase 8-interacting protein 2, MAPK8IP2, IB2, JIP2, PRKM8IPL
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human JIP2. The exact sequence is proprietary.
Dilution	WB~~1:1000 ICC~~N/A IHC-P~~N/A
Format	0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

Name	MAPK8IP2
Synonyms	IB2, JIP2, PRKM8IPL
Function	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. JIP2 inhibits IL1 beta-induced apoptosis in insulin-secreting cells. May function as a regulator of vesicle transport, through interactions with the JNK-signaling components and motor proteins (By similarity).
Cellular Location	Cytoplasm. Note=Accumulates in cell surface projections
Tissue Location	Expressed mainly in the brain and pancreas, including insulin-secreting cells. In the nervous system, more abundantly expressed in the cerebellum,

pituitary gland, occipital lobe and the amygdala. Also expressed in fetal brain. Very low levels found in uterus, ovary, prostate, colon, testis, adrenal gland, thyroid gland and salivary gland

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. JIP2 inhibits IL1 beta-induced apoptosis in insulin-secreting cells. May function as a regulator of vesicle transport, through interactions with the JNK-signaling components and motor proteins (By similarity).

References

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