Immunotag™ Phospho-JIP1 (Thr103) Antibody

Antibody Specification

Catalog No.	ITA8481
Product Description	Immunotag™ Phospho-JIP1 (Thr103) Antibody
Size	100 µg, 200 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	Phospho-JIP1 (Thr103)
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IF/ICC,ELISA
Recommended Dilution	WB 1:1000-3000, IF/ICC 1:100-1:500
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human Phospho-JIP1 (Thr103)
Specificity	Phospho-JIP1 (Thr103) Antibody detects endogenous levels of JIP1 only when phosphorylated at Thr103
Purification	The antibody is from purified rabbit serum by affinity purification via sequential chromatography on phospho- and non-phospho-peptide affinity columns.
Form	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt
Gene Name	MAPK8IP1
Accession No.	Q9UQF2

Antibody Specification

Alternate Names	C jun amino terminal kinase interacting protein 1; C-jun-amino-terminal kinase-interacting protein 1; IB 1; IB-1; IB1; Islet brain 1; Islet-brain 1; JIP 1; JIP-1; JIP1_HUMAN; JNK interacting protein 1; JNK MAP kinase scaffold protein 1; JNK-interacting protein 1; MAPK8IP 1; MAPK8IP1; MAPK8IP1 mitogen-activated protein kinase 8 interacting protein 1; Mitogen activated protein kinase 8 interacting protein 1; Mitogen-activated protein kinase 8-interacting protein 1; PRKM8; PRKM8 interacting protein; PRKM8IP;
Description	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.
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	77 kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.