

Product datasheet for TA351309S

JIP1 (MAPK8IP1) Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: WE

Recommended Dilution: WB: 200-1000

WB positive control: Mouse kidney tissue

Reactivity: Human, Mouse, Rat

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

Immunogen: Synthetic peptide of human MAPK8IP1

Formulation: pH7.4 PBS, 0.05% NaN3, 40% Glyceroln

Purification: Antigen affinity purification

Conjugation: Unconjugated

Storage: Store at -20°C as received.

Stability: Stable for 12 months from date of receipt.

Predicted Protein Size: 78 kDa

Gene Name: mitogen-activated protein kinase 8 interacting protein 1

Database Link: NP 005447

Entrez Gene 19099 MouseEntrez Gene 116457 RatEntrez Gene 9479 Human

Q9UQF2

Background: This gene encodes a regulator of the pancreatic beta-cell function. It is highly similar to JIP-1,

a mouse protein known to be a regulator of c-Jun amino-terminal kinase (Mapk8). This protein has been shown to prevent MAPK8 mediated activation of transcription factors, and to decrease IL-1 beta and MAP kinase kinase 1 (MEKK1) induced apoptosis in pancreatic beta cells. This protein also functions as a DNA-binding transactivator of the glucose transporter GLUT2. RE1-silencing transcription factor (REST) is reported to repress the expression of this gene in insulin-secreting beta cells. This gene is found to be mutated in a type 2 diabetes

family, and thus is thought to be a susceptibility gene for type 2 diabetes.

Synonyms: IB1; JIP-1; JIP1; PRKM8IP



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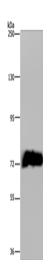
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Protein Families: Druggable Genome

Protein Pathways: MAPK signaling pathway

Product images:



Gel: 6%SDS-PAGE Lysate: 40 μg

Lane: Mouse kidney tissue

Primary antibody: [TA351309] (MAPK8IP1

Antibody) at dilution 1/50

Secondary antibody: Goat anti rabbit IgG at

1/8000 dilution

Exposure time: 5 minutes