Anti-Phospho-JIP1 (T103) Rabbit Polyclonal Antibody

Catalog #: U0946

Aliases

IB1; JIP1; PRKM8IP; C-Jun-amino-terminal kinase-interacting protein 1; JIP-1; JNK-interacting protein 1; Islet-brain 1; IB-1; JNK MAP kinase scaffold protein 1; Mitogen-activated protein kinase 8-interacting protein 1

Background

Gene Name: MAPK8IP1
NCBI Gene Entry: 9479
UniProt Entry: Q9UQF2

Application Information

Molecular Weight: Predicted, 77 kDa; observed, 77 kDa
Clonality: Rabbit polyclonal antibody
Species Reactivity: Human, mouse, rat
Applications Tested: Western blotting (WB), immunohistochemistry (IHC), immunocytochemistry (IC)

Immunogen

A synthesized peptide derived from human Phospho-JIP1 (T103)

Isotype

Rabbit IgG

Storage Buffer

Supplied in PBS (pH 7.3) containing 30% glycerol, and 0.01% sodium azide.

Storage

Store at -20 °C for one year.

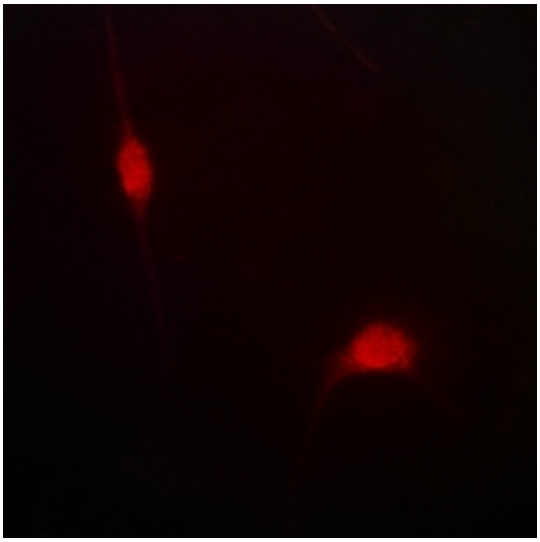
Recommended Dilutions

Western Blotting (WB): 1:500-1:1,000
Immunohistochemistry (IHC): 1:50-1:200
Immunocytochemistry (IC): 1:50-1:200

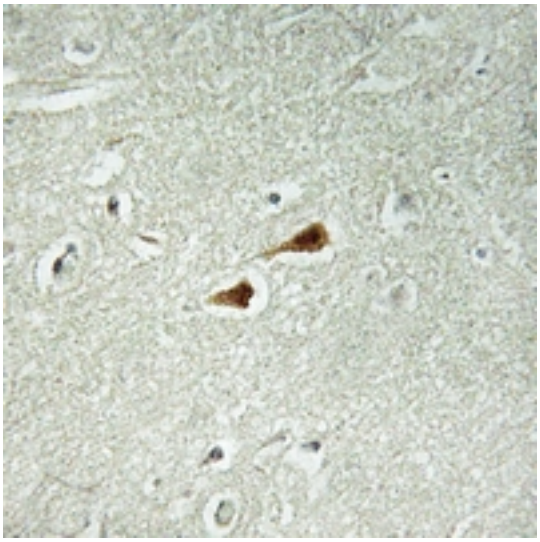
Note: This product is for research use only.

Anti-Phospho-JIP1 (T103) Rabbit Polyclonal Antibody

Validation Data

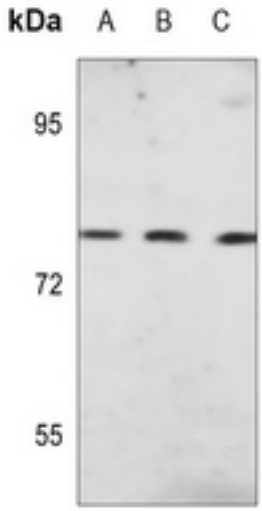


Immunocytochemical analysis of JIP1 (Phospho-T103) staining in NIH3T3 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a hidified chamber. Cells were washed with PBST and incubated with a AF594-conjugated secondary antibody (red) in PBS at room temperature in the dark.



Immunohistochemical analysis of JIP1 (Phospho-T103) staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

Anti-Phospho-JIP1 (T103) Rabbit Polyclonal Antibody



Western blotting analysis of JIP1 (Phospho-T103) expression in mouse brain (A), mouse kidney (B), rat brain (C) whole cell lysates.