

## Rabbit JIP1 Polyclonal Antibody | anti-JIP1 antibody

JIP1 (Phospho-Thr103) Antibody

| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                            |
|-----------|--------|-------------------|-----------------------------------------|
| AAA316373 | Rabbit | Human, Mouse, Rat | ELISA, Immunofluorescence, Western Blot |

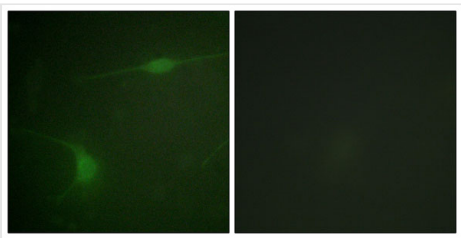
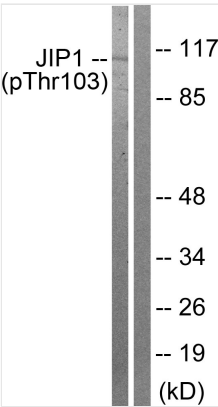
### PRODUCT SYNONYMS

JIP1; Polyclonal Antibody; JIP1 (Phospho-Thr103) Antibody; C-jun-amino-terminal kinase interacting protein 1; IB-1; IB1; Islet-brain-1; JIP-1; JIP-1 related protein; JNK MAP kinase scaffold protein 1; JNK-interacting protein 1; JRP; MAPK8IP; MAPK8IP1; Mitogen-activated protein kinase 8-interacting protein 1; PRKM; anti-JIP1 antibody

### PRODUCT SPECIFICATIONS

|                                                |                                                                                                                                                                                                  |
|------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                                                                                           |
| Reactivity                                     | Human, Mouse, Rat                                                                                                                                                                                |
| Clonality                                      | Polyclonal                                                                                                                                                                                       |
| Specificity                                    | JIP1 (Phospho-Thr103) Antibody detects endogenous levels of JIP1 only when phosphorylated at Thr103.                                                                                             |
| Purity/Purification                            | Purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide. |
| Form/Format                                    | Rabbit IgG in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.                                               |
| Concentration                                  | 1 mg/ml (varies by lot)                                                                                                                                                                          |
| Sequence Length                                | 711                                                                                                                                                                                              |
| Applicable Applications for anti-JIP1 antibody | ELISA, IF (Immunofluorescence), WB (Western Blot)                                                                                                                                                |
| Target Modification                            | Phospho                                                                                                                                                                                          |
| Modification Sites                             | H:T103; M:T103; R:T103                                                                                                                                                                           |
| Immunogen                                      | The antiserum was produced against synthesized peptide derived from human JIP1 around the phosphorylation site of Thr103.                                                                        |
| Immunogen Range                                | 69-118                                                                                                                                                                                           |
| Preparation and Storage                        | Stable at -20 degree C for at least 1 year.                                                                                                                                                      |

IMAGES



**IF (Immunofluorescence)**  
Immunofluorescence analysis of NIH/3T3 cells, using JIP1 (Phospho-Thr103) Antibody. The picture on the right is blocked with the phospho peptide.

**WB (Western Blot)**  
Western blot analysis of lysates from COLO205 cells treated with Serum 20% 15', using JIP1 (Phospho-Thr103) Antibody. The lane on the right is blocked with the phospho peptide.

NCBI AND UNIPROT INFORMATION

|                                  |                                                            |
|----------------------------------|------------------------------------------------------------|
| NCBI GI #                        | 4885433                                                    |
| NCBI GeneID                      | 9479                                                       |
| NCBI Accession #                 | NP_005447.1                                                |
| NCBI GenBank Nucleotide #        | NM_005456.3                                                |
| UniProt Accession #              | Q9UQF2; O43407; D3DQP4                                     |
| Molecular Weight                 | 77 kDa                                                     |
| NCBI Official Full Name          | C-Jun-amino-terminal kinase-interacting protein 1          |
| NCBI Official Synonym Full Names | mitogen-activated protein kinase 8 interacting protein 1   |
| NCBI Official Symbol             | MAPK8IP1                                                   |
| NCBI Official Synonym Symbols    | IB1; JIP1; JIP-1; PRKM8IP                                  |
| NCBI Protein Information         | C-Jun-amino-terminal kinase-interacting protein 1          |
| UniProt Protein Name             | C-Jun-amino-terminal kinase-interacting protein 1          |
| UniProt Gene Name                | MAPK8IP1                                                   |
| UniProt Synonym Gene Names       | IB1; JIP1; PRKM8IP; JIP-1; JNK-interacting protein 1; IB-1 |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.