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|--------|----|-------|----|
| ( )    | VE | r\/   | ١٨ |
| $\cup$ | VC | , I V | ٧١ |

| Quantity:            | 100 μL  |  |
|----------------------|---|--|
| Target:              | MAPK8IP1  |  |
| Binding Specificity: | AA 69-118, pThr103  |  |
| Reactivity:          | Human, Rat, Mouse   |  |
| Host:                | Rabbit  |  |
| Clonality:           | Polyclonal  |  |
| Conjugate:           | This MAPK8IP1 antibody is un-conjugated   |  |
| Application:         | Western Blotting (WB), ELISA, Immunofluorescence (IF)   |  |
| Product Details      |   |  |
| Immunogen:           | The antiserum was produced against synthesized peptide derived from human JIP1 around the phosphorylation site of Thr103.   |  |
| Isotype:             | IgG   |  |
| Specificity:         | JIP1 (Phospho-Thr103) Antibody detects endogenous levels of JIP1 only when phosphorylated at Thr103.  PhosphorylationH:T103 M:T103 R:T103   |  |
| Purification:        | The antibody was 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. |  |
| Purity:              | > 95 %  |  |

### **Target Details**

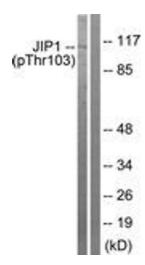
| Target:           | MAPK8IP1   |
|-------------------|--|
| Alternative Name: | JIP1 (MAPK8IP1 Products)   |
| Background:       | Synonyms: C-jun-amino-terminal kinase interacting protein 1, IB-1, IB1, Islet-brain-1, JIP-1, JIP-1 related protein, JNK MAP kinase scaffold protein 1, JNK-interacting protein 1, JRP, MAPK8IP, MAPK8IP1, Mitogen-activated protein kinase 8-interacting protein 1, PRKM NCBI Gene Symbol: MAPK8IP1 |
| Molecular Weight: | 77 kDa   |
| Gene ID:          | 9479   |
| OMIM:             | 125853   |
| UniProt:          | Q9UQF2   |

## **Application Details**

| Application Notes: | WB: 1:500~1:1000 IF: 1:100~1:500 ELISA: 1:1000         |  |
|--------------------|--|--|
| Comment:           | Unigene-Number: Hs.234249 (NCBI Gene Symbol: MAPK8IP1) |  |
| Restrictions:      | For Research Use only                                  |  |

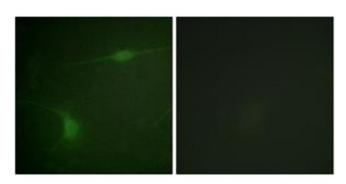
## Handling

| Format:            | Liquid   |  |
|--------------------|--|--|
| Concentration:     | 1 mg/mL  |  |
| Buffer:            | phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.         |  |
| Preservative:      | Sodium azide   |  |
| Precaution of Use: | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |  |
| Storage:           | -20 °C   |  |
| Storage Comment:   | Stable at -20°C for at least 1 year.   |  |
| Expiry Date:       | 12 months  |  |



#### **Western Blotting**

**Image 1.** Western blot analysis of extracts from COLO205 cells treated with Serum 20% 15', using JIP1 (Phospho-Thr103) Antibody. The lane on the right is treated with the synthesized peptide.



#### **Immunofluorescence**

**Image 2.** Immunofluorescence analysis of NIH-3T3 cells, using JIP1 (Phospho-Thr103) Antibody. The picture on the right is treated with the synthesized peptide.