

## Rabbit MAP2K4 Polyclonal Antibody | anti-MAP2K4 antibody

MAP2K4 (Ab-80) Antibody

| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                              |
|-----------|--------|-------------------|-------------------------------------------|
| AAA242112 | Rabbit | Human, Mouse, Rat | Immunohistochemistry, Western Blot, ELISA |

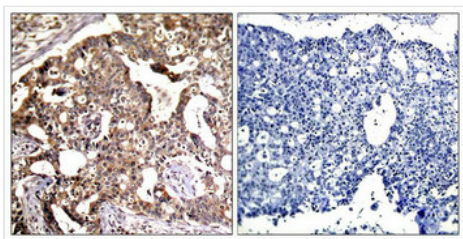
### PRODUCT SYNONYMS

MAP2K4; Polyclonal Antibody; MAP2K4 (Ab-80) Antibody; JNKK; JNKK1; MAPK/ERK kinase 4; kinase 4; anti-MAP2K4 antibody

### PRODUCT SPECIFICATIONS

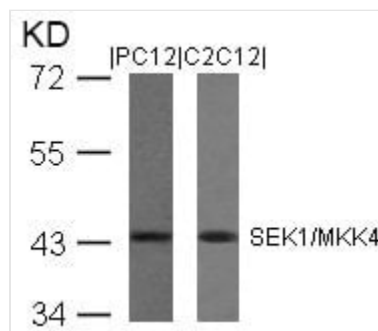
|                                                  |                                                                                                                                                                               |
|--------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                                                                                                        |
| Reactivity                                       | Human, Mouse, Rat                                                                                                                                                             |
| Clonality                                        | Polyclonal                                                                                                                                                                    |
| Isotype                                          | IgG                                                                                                                                                                           |
| Purity/Purification                              | Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were Purified by affinity-chromatography using epitope-specific peptide. |
| Form/Format                                      | Liquid; Supplied at 1.0mg/mL In Phosphate Buffered Saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% Sodium Azide and 50% Glycerol.                                   |
| Applicable Applications for anti-MAP2K4 antibody | IHC (Immunohistochemistry), WB (Western Blot), ELISA                                                                                                                          |
| Immunogen                                        | Peptide sequence around aa. 78-82 (T-H-S-I-E) derived from Human SEK1/MKK4.                                                                                                   |
| Immunogen Species                                | Human                                                                                                                                                                         |
| Conjugate                                        | Non-conjugated                                                                                                                                                                |
| Preparation and Storage                          | Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.                                                                                                   |

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using SEK1/MKK4(Ab-80) Antibody(left) or the same antibody preincubated with blocking peptide(right).



#### WB (Western Blot)

Western blot analysis of extracts from PC12 and C2C12 cells using SEK1/MKK4(Ab-80) Antibody.

### ADDITIONAL INFORMATION

Product Categories/Family for anti-MAP2K4 antibody

[Signal Transduction](#)

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                                                                                |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 4506889                                                                                                                                                                                                                                                        |
| NCBI GeneID                      | 6416                                                                                                                                                                                                                                                           |
| NCBI Accession #                 | NP_003001.1                                                                                                                                                                                                                                                    |
| NCBI GenBank Nucleotide #        | NM_003010.2                                                                                                                                                                                                                                                    |
| UniProt Accession #              | P45985; Q5U0B8; Q6FHX4; Q6P9H2; Q6PIE6; B2R7N7; B3KYB2; D3DTS5                                                                                                                                                                                                 |
| Molecular Weight                 | 44,288 Da                                                                                                                                                                                                                                                      |
| NCBI Official Full Name          | dual specificity mitogen-activated protein kinase kinase 4                                                                                                                                                                                                     |
| NCBI Official Synonym Full Names | mitogen-activated protein kinase kinase 4                                                                                                                                                                                                                      |
| NCBI Official Symbol             | MAP2K4                                                                                                                                                                                                                                                         |
| NCBI Official Synonym Symbols    | JNKK; MEK4; MKK4; SEK1; JNKK1; SERK1; MAPKK4; PRKMK4; SAPKK1; SAPKK-1                                                                                                                                                                                          |
| NCBI Protein Information         | dual specificity mitogen-activated protein kinase kinase 4; MEK 4; MAPKK 4; SAPK kinase 1; MAPK/ERK kinase 4; SAPK/ERK kinase 1; MAP kinase kinase 4; JNK-activated kinase 1; JNK activating kinase 1; JNK-activating kinase 1; c-Jun N-terminal kinase kinase |
| UniProt Protein Name             | Dual specificity mitogen-activated protein kinase kinase 4                                                                                                                                                                                                     |
| UniProt Gene Name                | MAP2K4                                                                                                                                                                                                                                                         |
| UniProt Synonym Gene Names       | JNKK1; MEK4; MKK4; PRKMK4; SEK1; SERK1; SKK1; MAP kinase kinase 4; MAPKK 4; MEK 4; SEK1; SAPK kinase 1; SAPKK-1; SAPKK1; JNKK                                                                                                                                  |
| UniProt Entry Name               | MP2K4_HUMAN                                                                                                                                                                                                                                                    |

**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.

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