

## SEK1/MKK4 Antibody | anti-SEK1/MKK4 antibody

SEK1/MKK4 (Ab-80) Antibody

|                               |                                        |                                                           |
|-------------------------------|----------------------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA110899</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot</b> |
|-------------------------------|----------------------------------------|-----------------------------------------------------------|

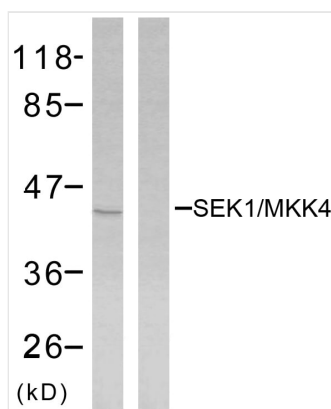
### PRODUCT SYNONYMS

SEK1/MKK4; SEK1/MKK4 (Ab-80) Antibody; anti-SEK1/MKK4 antibody

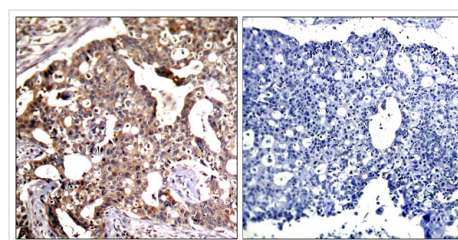
### PRODUCT SPECIFICATIONS

|                                                     |                                                                                                                                                           |
|-----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity                                          | Human, Mouse, Rat                                                                                                                                         |
| Specificity                                         | SEK1/MKK4 (Ab-80) antibody detects endogenous levels of total SEK1/MKK4 protein.                                                                          |
| Purity/Purification                                 | Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.                                                      |
| Form/Format                                         | In phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.                                            |
| Sequence Length                                     | 410                                                                                                                                                       |
| Applicable Applications for anti-SEK1/MKK4 antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                                                                             |
| Immunogen                                           | The antiserum was produced against synthesized non-phosphopeptide derived from human SEK1/MKK4 around the phosphorylation site of serine 80 (T-H-SP-I-E). |
| Preparation and Storage                             | Store at -20 degree C for 1 year                                                                                                                          |

### IMAGES


**WB (Western Blot)**

Peptide-+ Western blot analysis of extracts from NIH/3T3 cells using SEK1/MKK4 (Ab-80) antibody.


**IHC (Immunohistochemistry)**

Peptide-+ Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue, using SEK1/MKK4 (Ab-80) antibody.

### ADDITIONAL INFORMATION

|                                                       |                                                                                                                                                                                                                   |
|-------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Categories/Family for anti-SEK1/MKK4 antibody | Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells |
| References                                            | Park HS, et al. (2002) J Biol Chem; 277(4): 2573-8.                                                                                                                                                               |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                               |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 526479851                                                                                                                     |
| NCBI GeneID                      | 6416                                                                                                                          |
| NCBI Accession #                 | NP_001268364.1                                                                                                                |
| NCBI GenBank Nucleotide #        | NM_001281435.1                                                                                                                |
| UniProt Accession #              | P45985; Q5U0B8; Q6FHX4; Q6P9H2; Q6PIE6; B2R7N7; B3KYB2; D3DTS5                                                                |
| Molecular Weight                 | 45,584 Da                                                                                                                     |
| NCBI Official Full Name          | dual specificity mitogen-activated protein kinase kinase 4 isoform 2                                                          |
| NCBI Official Synonym Full Names | mitogen-activated protein kinase kinase 4                                                                                     |
| NCBI Official Symbol             | MAP2K4                                                                                                                        |
| NCBI Official Synonym Symbols    | JNKK; MEK4; MKK4; SEK1; SKK1; JNKK1; SERK1; MAPKK4; PRKMK4; SAPKK1; SAPKK-1                                                   |
| NCBI Protein Information         | dual specificity mitogen-activated protein kinase kinase 4                                                                    |
| 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 |

**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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Online datasheet: <https://stage.aaabiotech.com/human-mouse-rat-antibody/sek1-mkk4/110899>