

## Rabbit MAP2K1 Polyclonal Antibody | anti-MAP2K1 antibody

MAP2K1 (Ab-221) Antibody

| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                              |
|-----------|--------|-------------------|-------------------------------------------|
| AAA242133 | Rabbit | Human, Mouse, Rat | Immunohistochemistry, Western Blot, ELISA |

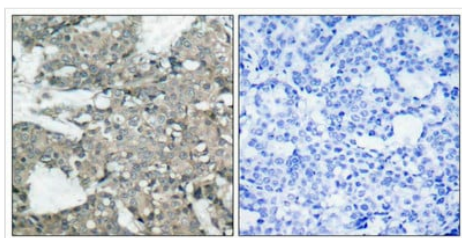
### PRODUCT SYNONYMS

MAP2K1; Polyclonal Antibody; MAP2K1 (Ab-221) Antibody; ERK activator kinase 1; MAP kinase kinase 1; MAPK/ERK kinase 1; MAPKK 1; anti-MAP2K1 antibody

### PRODUCT SPECIFICATIONS

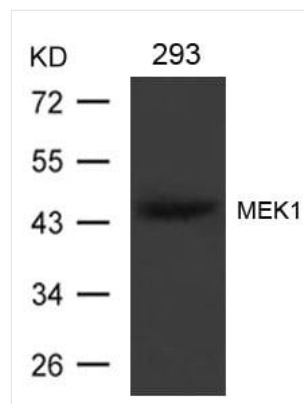
|                                                  |                                                                                                                                                                               |
|--------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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-MAP2K1 antibody | IHC (Immunohistochemistry), WB (Western Blot), ELISA                                                                                                                          |
| Immunogen                                        | Peptide sequence around aa.219~223 (A-N-S-F-V) derived from Human MEK1.                                                                                                       |
| 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 MEK1(Ab-221) Antibody(left) or the same antibody preincubated with blocking peptide(right).



#### WB (Western Blot)

Western blot analysis of extracts from 293 cells using MEK1(Ab-221) Antibody

ADDITIONAL INFORMATION

|                                                    |                     |
|----------------------------------------------------|---------------------|
| Product Categories/Family for anti-MAP2K1 antibody | Signal Transduction |
|----------------------------------------------------|---------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                          |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 5579478                                                                                                                                                                                  |
| NCBI GeneID                      | 5604                                                                                                                                                                                     |
| NCBI Accession #                 | NP_002746.1                                                                                                                                                                              |
| NCBI GenBank Nucleotide #        | NM_002755.3                                                                                                                                                                              |
| UniProt Accession #              | Q02750                                                                                                                                                                                   |
| Molecular Weight                 | 43,439 Da                                                                                                                                                                                |
| NCBI Official Full Name          | dual specificity mitogen-activated protein kinase kinase 1                                                                                                                               |
| NCBI Official Synonym Full Names | mitogen-activated protein kinase kinase 1                                                                                                                                                |
| NCBI Official Symbol             | MAP2K1                                                                                                                                                                                   |
| NCBI Official Synonym Symbols    | MEK1; MKK1; MAPKK1; PRKMK1                                                                                                                                                               |
| NCBI Protein Information         | dual specificity mitogen-activated protein kinase kinase 1; MEK 1; MAPKK 1; MAPK/ERK kinase 1; ERK activator kinase 1; protein kinase, mitogen-activated, kinase 1 (MAP kinase kinase 1) |
| UniProt Protein Name             | Dual specificity mitogen-activated protein kinase kinase 1                                                                                                                               |
| UniProt Gene Name                | MAP2K1                                                                                                                                                                                   |
| UniProt Synonym Gene Names       | MEK1; PRKMK1; MAP kinase kinase 1; MAPKK 1; MKK1; MEK 1                                                                                                                                  |
| UniProt Entry Name               | MP2K1_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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Online datasheet: <https://stage.aaabiotech.com/polyclonal/map2k1-antibody-immunohistochemistry-western-blot-elisa/242133>