

## Rabbit MAP2K1 Polyclonal Antibody | anti-MAP2K1 antibody

MAP2K1 (Phospho-Thr386) Antibody

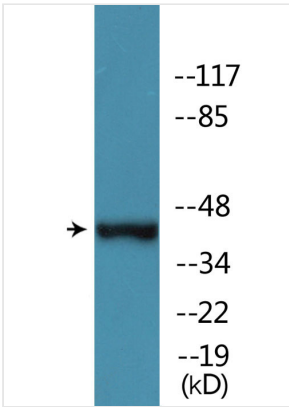
|                               |                       |                                        |                                            |
|-------------------------------|-----------------------|----------------------------------------|--------------------------------------------|
| CATALOG #<br><b>AAA318347</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>ELISA, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------------------|--------------------------------------------|

### PRODUCT SYNONYMS

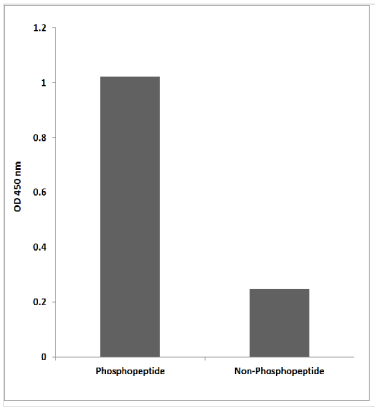
MAP2K1; Polyclonal Antibody; MAP2K1 (Phospho-Thr386) Antibody; Dual specificity mitogen-activated protein kinase kinase 1; ERK activator kinase 1; MAP kinase kinase 1; MAPK/ERK kinase 1; MAPKK 1; MAPKK1; MEK1; MP2K1; PRKMK1; kinase MEK1; anti-MAP2K1 antibody

### PRODUCT SPECIFICATIONS

|                                                  |                                                                                                                                                                                                  |
|--------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                                                                                                                           |
| Reactivity                                       | Human, Mouse, Rat                                                                                                                                                                                |
| Clonality                                        | Polyclonal                                                                                                                                                                                       |
| Specificity                                      | MAP2K1 (Phospho-Thr386) Antibody detects endogenous levels of MAP2K1 only when phosphorylated at Thr386.                                                                                         |
| 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 (Phospho-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                                  | 367                                                                                                                                                                                              |
| Applicable Applications for anti-MAP2K1 antibody | ELISA, WB (Western Blot)                                                                                                                                                                         |
| Target Modification                              | Phospho                                                                                                                                                                                          |
| Modification Sites                               | H:T386; M:T386; R:T386                                                                                                                                                                           |
| Immunogen                                        | The antiserum was produced against synthesized phospho-peptide derived from human MAP2K1 around the phosphorylation site of Thr386.                                                              |
| Preparation and Storage                          | Stable at -20 degree C for at least 1 year.                                                                                                                                                      |



**WB (Western Blot)**  
Western blot analysis of lysates from NIH/3T3 cells treated with EGF, RAW264.7 cells treated with UV, and A549 cells treated with UV, using MAP2K1 (Phospho-Thr386) Antibody.



**ELISA**  
Enzyme-Linked Immunosorbent Assay (Phospho-ELISA) for Immunogen Phosphopeptide (Phospho-left) and Non-Phosphopeptide (Phospho-right), using MAP2K1 (Phospho-Thr386) Antibody

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 kDa                                                     |
| 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    | CFC3; MEK1; MKK1; MAPKK1; PRKMK1                           |
| NCBI Protein Information         | dual specificity mitogen-activated protein 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    |

**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.