

## Rabbit MAPK3/MAPK1 Polyclonal Antibody | anti-MAPK3/MAPK1 antibody

MAPK3/MAPK1 Antibody

| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                            |
|-----------|--------|-------------------|-----------------------------------------|
| AAA236143 | Rabbit | Human, Mouse, Rat | ELISA, Immunofluorescence, Western Blot |

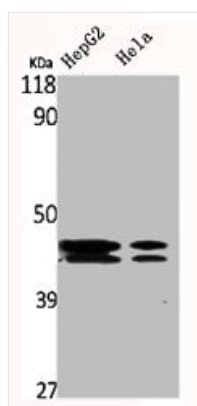
### PRODUCT SYNONYMS

MAPK3/MAPK1; Polyclonal Antibody; MAPK3/MAPK1 Antibody; MAPK3; ERK1; PRKM3; Mitogen-activated protein kinase 3; MAP kinase 3; MAPK 3; ERT2; Extracellular signal-regulated kinase 1; ERK-1; Insulin-stimulated MAP2 kinase; MAP kinase isoform p44; p44-MAPK; Microtubule-associated protein 2 kinase; p; anti-MAPK3/MAPK1 antibody

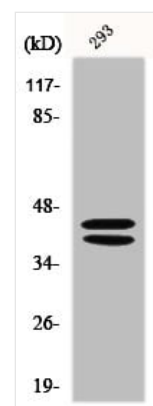
### PRODUCT SPECIFICATIONS

|                                                       |                                                                                                      |
|-------------------------------------------------------|------------------------------------------------------------------------------------------------------|
| Host                                                  | Rabbit                                                                                               |
| Reactivity                                            | Human, Mouse, Rat                                                                                    |
| Clonality                                             | Polyclonal                                                                                           |
| Isotype                                               | IgG                                                                                                  |
| Purity/Purification                                   | Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| Form/Format                                           | Liquid; In Phosphate Buffered Saline, 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.                 |
| Applicable Applications for anti-MAPK3/MAPK1 antibody | ELISA, IF (Immunofluorescence), WB (Western Blot)                                                    |
| Immunogen                                             | Synthesized peptide derived from human ERK 1/2 around the non-phosphorylation site of T202.          |
| Immunogen Species                                     | Human                                                                                                |
| Conjugate                                             | Non-conjugated                                                                                       |
| Preparation and Storage                               | Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.                          |

### IMAGES


**WB (Western Blot)**

Western Blot analysis of HepG2 HELA cells using ERK 1/2 Polyclonal Antibody


**WB (Western Blot)**

Western Blot analysis of 293 cells using ERK 1/2 Polyclonal Antibody

ADDITIONAL INFORMATION

|                                                         |              |
|---------------------------------------------------------|--------------|
| Product Categories/Family for anti-MAPK3/MAPK1 antibody | Neuroscience |
|---------------------------------------------------------|--------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                                             |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 91718897                                                                                                                                                                                                                    |
| NCBI GeneID                      | 5595                                                                                                                                                                                                                        |
| NCBI Accession #                 | NP_001035145.1                                                                                                                                                                                                              |
| NCBI GenBank Nucleotide #        | NM_001040056.2                                                                                                                                                                                                              |
| UniProt Accession #              | P27361; P28482                                                                                                                                                                                                              |
| Molecular Weight                 | 43,136 Da                                                                                                                                                                                                                   |
| NCBI Official Full Name          | mitogen-activated protein kinase 3 isoform 2                                                                                                                                                                                |
| NCBI Official Synonym Full Names | mitogen-activated protein kinase 3                                                                                                                                                                                          |
| NCBI Official Symbol             | MAPK3                                                                                                                                                                                                                       |
| NCBI Official Synonym Symbols    | ERK1; ERT2; ERK-1; PRKM3; P44ERK1; P44MAPK; HS44KDAP; HUMKER1A; p44-ERK1; p44-MAPK                                                                                                                                          |
| NCBI Protein Information         | mitogen-activated protein kinase 3; MAPK 1; MAP kinase isoform p44; insulin-stimulated MAP2 kinase; extracellular signal-related kinase 1; extracellular signal-regulated kinase 1; microtubule-associated protein 2 kinase |
| UniProt Protein Name             | Mitogen-activated protein kinase 3                                                                                                                                                                                          |
| UniProt Gene Name                | <b>MAPK3</b>                                                                                                                                                                                                                |
| UniProt Synonym Gene Names       | ERK1; PRKM3; MAP kinase 3; MAPK 3; ERK-1; p44-MAPK                                                                                                                                                                          |
| UniProt Entry Name               | MK03_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://www.aaabiotech.com/polyclonal/mapk3-mapk1-antibody-immunofluorescence-western-blot-elisa/236143>