

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

Phospho-MAPK1/MAPK3 (Y222/205) Antibody

|                               |                       |                                        |                                            |
|-------------------------------|-----------------------|----------------------------------------|--------------------------------------------|
| CATALOG #<br><b>AAA235838</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>ELISA, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------------------|--------------------------------------------|

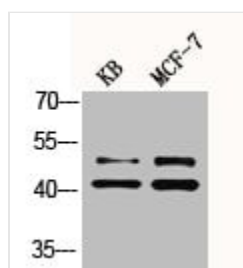
### PRODUCT SYNONYMS

MAPK1/MAPK3; Polyclonal Antibody; Phospho-MAPK1/MAPK3 (Y222/205) Antibody; MAPK1; ERK2; PRKM1; PRKM2; Mitogen-activated protein kinase 1; MAP kinase 1; MAPK 1; ERT1; Extracellular signal-regulated kinase 2; ERK-2; MAP kinase isoform p42; p42-MAPK; Mitogen-activated protein kinase 2; MAP kinase 2; MAPK 2; MAPK3; ER; anti-MAPK1/MAPK3 antibody

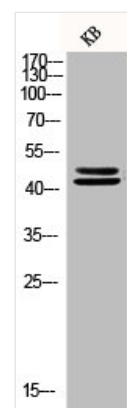
### PRODUCT SPECIFICATIONS

|                                                       |                                                                                                      |
|-------------------------------------------------------|------------------------------------------------------------------------------------------------------|
| 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-MAPK1/MAPK3 antibody | ELISA, WB (Western Blot)                                                                             |
| Immunogen                                             | Synthesized peptide derived from human ERK 1/2 around the phosphorylation site of Y222/205.          |
| 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 KB MCF7 cells using Phospho-ERK 1/2 (Y222/205) Polyclonal Antibody


**WB (Western Blot)**

Western Blot analysis of KB cells using Phospho-ERK 1/2 (Y222/205) Polyclonal Antibody

ADDITIONAL INFORMATION

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

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                                            |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 66932916                                                                                                                                                                                                                   |
| NCBI GeneID                      | 5594                                                                                                                                                                                                                       |
| NCBI Accession #                 | NP_002736.3                                                                                                                                                                                                                |
| NCBI GenBank Nucleotide #        | NM_002745.4                                                                                                                                                                                                                |
| UniProt Accession #              | P28482; P27361                                                                                                                                                                                                             |
| Molecular Weight                 | 41,390 Da                                                                                                                                                                                                                  |
| NCBI Official Full Name          | mitogen-activated protein kinase 1                                                                                                                                                                                         |
| NCBI Official Synonym Full Names | mitogen-activated protein kinase 1                                                                                                                                                                                         |
| NCBI Official Symbol             | MAPK1                                                                                                                                                                                                                      |
| NCBI Official Synonym Symbols    | ERK; p38; p40; p41; ERK2; ERT1; MAPK2; PRKM1; PRKM2; P42MAPK; p41mapk                                                                                                                                                      |
| NCBI Protein Information         | mitogen-activated protein kinase 1; ERK-2; MAPK 2; p42-MAPK; MAP kinase 1; MAP kinase 2; MAP kinase isoform p42; protein tyrosine kinase ERK2; mitogen-activated protein kinase 2; extracellular signal-regulated kinase 2 |
| UniProt Protein Name             | Mitogen-activated protein kinase 1                                                                                                                                                                                         |
| UniProt Gene Name                | <b>MAPK1</b>                                                                                                                                                                                                               |
| UniProt Synonym Gene Names       | ERK2; PRKM1; PRKM2; MAP kinase 1; MAPK 1; ERK-2; p42-MAPK; MAP kinase 2; MAPK 2                                                                                                                                            |
| UniProt Entry Name               | MK01_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/mapk1-mapk3-antibody-western-blot-elisa/235838>