

## Rabbit ERK 1/2 Polyclonal Antibody | anti-ERK1/2 antibody

ERK 1/2 Polyclonal Antibody

|                               |                       |                                        |                                                         |
|-------------------------------|-----------------------|----------------------------------------|---------------------------------------------------------|
| CATALOG #<br><b>AAA294786</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunofluorescence, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------------------|---------------------------------------------------------|

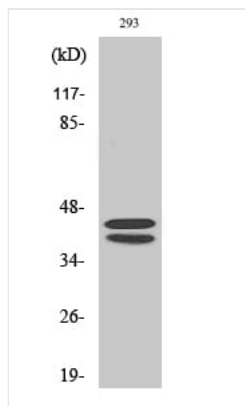
### PRODUCT SYNONYMS

ERK 1/2; Polyclonal Antibody; ERK 1/2 Polyclonal 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-ERK1/2 antibody

### PRODUCT SPECIFICATIONS

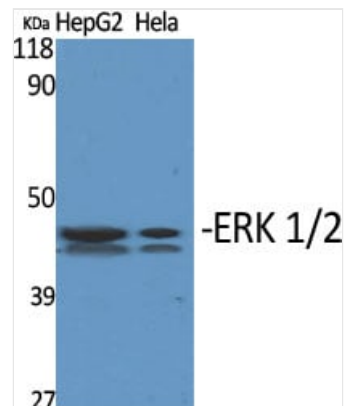
|                                                  |                                                                                                                                                       |
|--------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                                                                                |
| Reactivity                                       | Human, Mouse, Rat                                                                                                                                     |
| Clonality                                        | Polyclonal                                                                                                                                            |
| Applicable Applications for anti-ERK1/2 antibody | IF (Immunofluorescence), WB (Western Blot)                                                                                                            |
| Preparation and Storage                          | Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles. |

### IMAGES



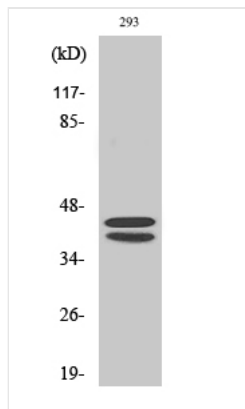
#### WB (Western Blot)

Dilution: Western Blot: 1/500 - 1/2000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/10000.  
Not yet tested in other applications.



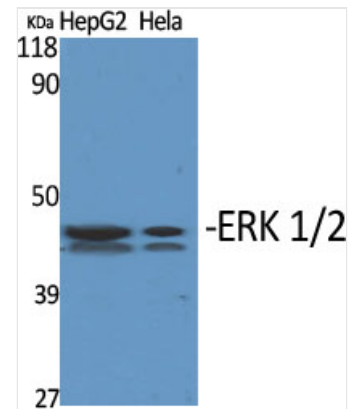
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## NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                                             |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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://stage.aaabiotech.com/polyclonal/erk-1-2-antibody-immunofluorescence-western-blot-elisa/294786>