



## ERK 1/2 Polyclonal Antibody

|                                 |                                                                                                                                                                                                                                                  |
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| <b>Swiss-Prot No.:</b>          | P28482/P27361                                                                                                                                                                                                                                    |
| <b>Molecular Weight:</b>        | 41.39                                                                                                                                                                                                                                            |
| <b>Applications:</b>            | WB,ELISA                                                                                                                                                                                                                                         |
| <b>Reactivity:</b>              | Human,Mouse,Rat                                                                                                                                                                                                                                  |
| <b>Purification:</b>            | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.                                                                                                                            |
| <b>Immunogen:</b>               | Synthesized peptide derived from human ERK 1/2 around the non-phosphorylation site of Y222/205.                                                                                                                                                  |
| <b>Specificity/Sensitivity:</b> | ERK 1/2 Polyclonal Antibody detects endogenous levels of ERK 1/2 protein.                                                                                                                                                                        |
| <b>Other Names:</b>             | 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 |
| <b>Storage/Stability:</b>       | -20°C/1 year                                                                                                                                                                                                                                     |
| <b>Source:</b>                  | Rabbit                                                                                                                                                                                                                                           |
| <b>Form of Antibody:</b>        | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.                                                                                                                                                                          |

**For Research Use Only**

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|-------------------------------|-------------------------------------------------------------------------------------|
| <b>Protein Concentration:</b> | 1 mg/ml                                                                             |
| <b>Gene Name:</b>             | MAPK1/MAPK3                                                                         |
| <b>Dilution:</b>              | Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications. |