

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

Phospho-ERK 1/2 (Y222/205) Polyclonal Antibody

|                               |                       |                                        |                                            |
|-------------------------------|-----------------------|----------------------------------------|--------------------------------------------|
| CATALOG #<br><b>AAA171643</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>ELISA, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------------------|--------------------------------------------|

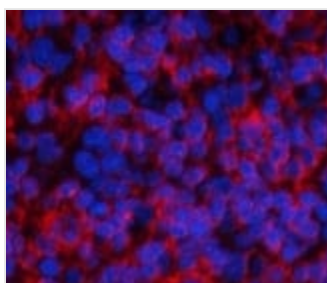
### PRODUCT SYNONYMS

ERK 1/2; Polyclonal Antibody; Phospho-ERK 1/2 (Y222/205) Polyclonal 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-ERK 1/2 antibody

### PRODUCT SPECIFICATIONS

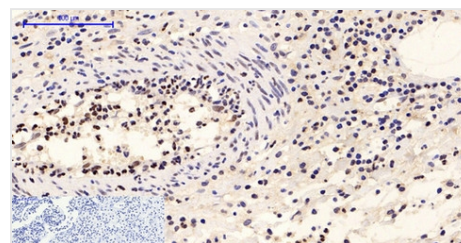
|                                                   |                                                                                             |
|---------------------------------------------------|---------------------------------------------------------------------------------------------|
| Host                                              | Rabbit                                                                                      |
| Reactivity                                        | Human, Mouse, Rat                                                                           |
| Clonality                                         | Polyclonal                                                                                  |
| Isotype                                           | IgG                                                                                         |
| Purity/Purification                               | Antigen Affinity Purified                                                                   |
| Concentration                                     | 1mg/ml (varies by lot)                                                                      |
| Applicable Applications for anti-ERK 1/2 antibody | ELISA, WB (Western Blot)                                                                    |
| Immunogen                                         | Synthesized peptide derived from human ERK 1/2 around the phosphorylation site of Y222/205. |
| Buffer                                            | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.                     |
| Preparation and Storage                           | Store at -20 degree C. Avoid freeze / thaw cycles.                                          |

### IMAGES



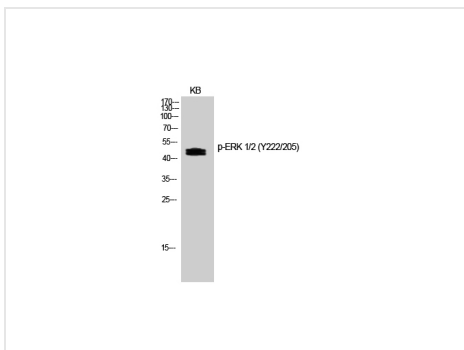
#### IF (Immunofluorescence)

Immunofluorescence analysis of Rat spleen tissue with Phospho-ERK 1/2 (Tyr222/205) Polyclonal Antibody at dilution of 1:200



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human appendix tissue with Phospho-ERK 1/2 (Tyr222/205) Polyclonal Antibody at dilution of 1:200



#### WB (Western Blot)

Western Blot analysis of KB cells with Phospho-ERK 1/2 (Tyr222/205) Polyclonal Antibody at dilution of 1:500

## ADDITIONAL INFORMATION

Product Categories/Family for anti-ERK 1/2 antibody

[Phospho Antibodies](#)

## NCBI AND UNIPROT INFORMATION

|                         |                                  |
|-------------------------|----------------------------------|
| NCBI GI #               | <a href="#">927544365</a>        |
| Molecular Weight        | Calculated MW: 41 kDa            |
| NCBI Official Full Name | Erk                              |
| UniProt Protein Name    | Mitogen-activated protein kinase |
| UniProt Entry Name      | A0A0M4M1D3_LEPDE                 |

**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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)

Online datasheet: <https://stage.aaabiotech.com/polyclonal/erk-1-2-antibody-western-blot-elisa/171643>