

# Anti-Phospho-ERK1/2 (Y204) Rabbit Polyclonal Antibody



**Catalog #: U0869**

## Aliases

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; p44-ERK1; 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

## Background

Gene Name: MAPK1/3

NCBI Gene Entry: [5595/5594](#)

UniProt Entry: [P27361/P28482](#)

## Application Information

Molecular Weight: Predicted, 43, 41 kDa; observed, 44, 42 kDa

Clonality: Rabbit polyclonal antibody

Species Reactivity: Human, mouse, rat, bovine, chicken, zebrafish

Applications Tested: Western blotting (WB), immunohistochemistry (IHC), immunocytochemistry (IC)

## Immunogen

A synthesized peptide derived from human Phospho-ERK1/2 (Y204)

## Isotype

Rabbit IgG

## Storage Buffer

Supplied in PBS (pH 7.3) containing 30% glycerol, and 0.01% sodium azide.

## Storage

Store at -20 °C for one year.

## Recommended Dilutions

Western Blotting (WB): 1:500-1:1,000

Immunohistochemistry (IHC): 1:50-1:200

Immunocytochemistry (IC): 1:100-1:500

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### SUPPORT

SUPPORT@GENUINBIOTECH.COM  
TEL: +1-540-855-7041

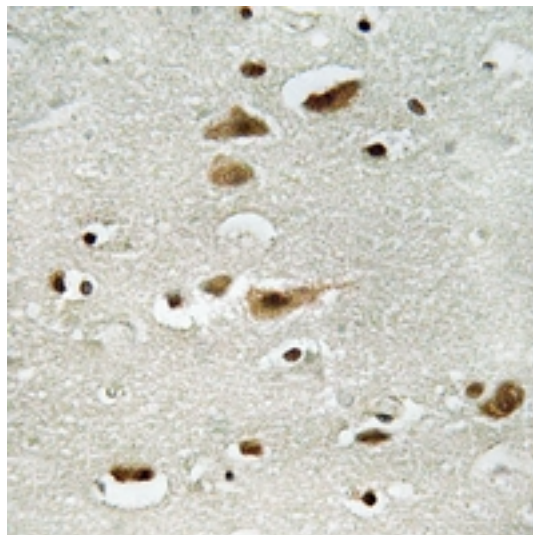
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SALES@GENUINBIOTECH.COM  
FAX: +1-540-855-7041

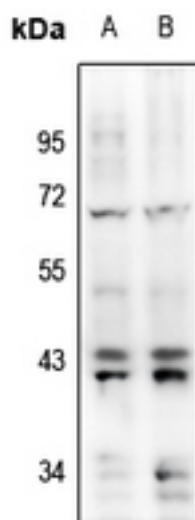
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**Note:** This product is for research use only.

## Validation Data



Immunohistochemical analysis of ERK1/2 (Phospho-Y204) staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Western blotting analysis of ERK1/2 (Phospho-Y204) expression in HCT116 (A), A549 (B) whole cell lysates.