

**Anti-ERK/MAPK Antibody**

**Our Anti-ERK/MAPK rabbit polyclonal primary antibody from PhosphoSolutions is produced in-house. It**  
**Catalog # AN1378**

**Specification**

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**Anti-ERK/MAPK Antibody - Product Information**

Application	<b>WB</b>
Primary Accession	<a href="#">P63086</a>
Reactivity	<b>Bovine</b>
Host	<b>Rabbit</b>
Clonality	<b>Polyclonal</b>
Isotype	<b>IgG</b>
Calculated MW	<b>41276</b>

**Anti-ERK/MAPK Antibody - Additional Information**

Gene ID **116590**

**Other Names**

ERK 1 antibody, ERK 2 antibody, ERK-2 antibody, ERK1 antibody, erk1/2 antibody, ERK2 antibody, ERT1 antibody, ERT2 antibody, Extracellular signal regulated kinase 1 antibody, Extracellular signal-regulated kinase 2 antibody, MAP kinase 1 antibody, MAP kinase 2 antibody, MAP kinase isoform p42 antibody, MAP kinase isoform p44 antibody, MAPK 1 antibody, MAPK 2 antibody, MAPK 3 antibody, Mapk1 antibody, MAPK2 antibody, MAPK3 antibody, Mitogen-activated protein kinase 1 antibody, Mitogen-activated protein kinase 2 antibody, MK01\_HUMAN antibody, p38 antibody, p40 antibody, p41 antibody, p42-MAPK antibody, PRKM 2 antibody

**Target/Specificity**

Extracellular-Signal Regulated Kinase/Mitogen-Activated Protein Kinase (ERK/MAPK) is an integral component of cellular signaling during mitogenesis and differentiation of mitotic cells and also is thought to play a key role in learning and memory (Adams and Sweatt, 2002; Ahn, 1993; Tanoue and Nishida, 2003; Johnson and Lapadat, 2002). The activity of this kinase is regulated by dual phosphorylation at Thr202 and Tyr204 (Ahn, 1993).

**Dilution**

WB~~1:1000

**Format**

Antigen Affinity Purified from Pooled Serum

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

Anti-ERK/MAPK Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

**Shipping**

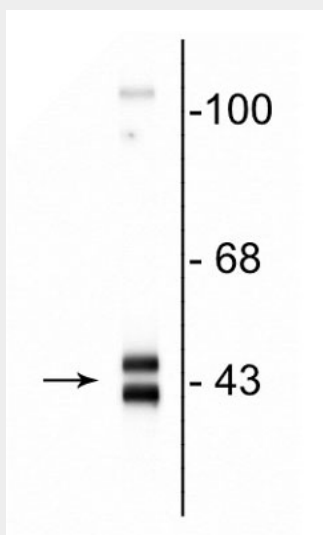
Blue Ice

## Anti-ERK/MAPK Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## Anti-ERK/MAPK Antibody - Images



Western blot of rat hippocampal homogenate showing specific immunolabeling of the ~42-44 kDa ERK/MAPK protein.

## Anti-ERK/MAPK Antibody - Background

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