

Anti-ERK/MAPK Antibody

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

Product Information

Application	WB, ICC
Primary Accession	P63086
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	41276

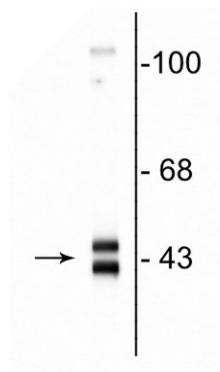
Additional Information

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 ICC~~N/A
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

Background

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).

Images



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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.