
p44-MAPK Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 251393

Unit: 0.1 mg

Description:

MAP kinase isoform (p44-MAPK) is involved in both the initiation and regulation of meiosis, mitosis, and postmitotic functions in differentiated cells by phosphorylating a number of transcription factors such as ELK-1 and EIF4EBP1. p44-MAPK is required for initiation of translation. Phosphorylates microtubule-associated protein 2 (MAP2).

Isotype: Rabbit Ig

Applications: E, WB, IHC

Species Reactivity: H, M, R

Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: MAPK 1; ERK-1; Mitogen-activated protein kinase 3; Extracellular signal-regulated kinase 1; Insulin-stimulated MAP2 kinase; MAP kinase 1; p44-ERK1; ERT2; P44-MAPK; Microtubule-associated protein 2 kinase; MAPK3; ERK1; PRKM3

Accession No.: P27361

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human p44-MAPK.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500; IHC: 1:100-1:500; IP: 1:100-1:500

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.