

MAPK3

Reactivity: Human Mouse Rat

Tested applications: WB ICC IF IP FC

Recommended Dilution: WB 1:500 - 1:2000 ICC 1:50 - 1:200 IF 1:50 - 1:200 IP 1:20 - 1:50
FC 1:20 - 1:50

Calculated MW: 42/44 kDa

Observed MW: Refer to figures

Immunogen:

Recombinant protein of human MAPK3

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

ERK1; ERT2; ERK-1; PRKM3; P44ERK1; P44MAPK; HS44KDAP; HUMKER1A; p44-ERK1; p44-MAPK;

Catalog #: A11116

Antibody Type:

Monoclonal Antibody

Species: Rabbit

Gene ID: 5595

Isotype: IgG

Swiss Prot: P27361

Purity: Affinity purification

For research use only.

Background:

The protein encoded by this gene is a member of the MAP kinase family. MAP kinases, also known as extracellular signal-regulated kinases (ERKs), act in a signaling cascade that regulates various cellular processes such as proliferation, differentiation, and cell cycle progression in response to a variety of extracellular signals. This kinase is activated by upstream kinases, resulting in its translocation to the nucleus where it phosphorylates nuclear targets. Alternatively spliced transcript variants encoding different protein isoforms have been described.

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