

Phospho-MAPK3-Y204

Reactivity: Human Mouse Rat

Tested applications: WB IHC IF

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:50 - 1:100 IF 1:100 - 1:200

Observed MW: Refer to Figures

Immunogen:

A phospho specific peptide corresponding to residues surrounding Y204 of human MAPK3

Storage Buffer:

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

Concentration:

ioqr

Synonym:

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

Catalog #: AP0235

Antibody Type:

Polyclonal 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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