

ERK1 Rabbit Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP08978
Host	Rabbit
Isotype	IgG
Size	100ul, 50ul, 20ul
Immunogen	Recombinant Protein of ERK1
Mol wt	N/A
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	IHC-p, IF
Concentration	1 mg/ml
Full name	Mitogen-activated protein kinase 3
Synonyms	Mitogen-activated protein kinase 3 ;MAP kinase 3;MAPK 3;EC 2.7.11.24;ERT2;Extracellular signal-regulated kinase 1;ERK-1;Insulin-stimulated MAP2 kinase;MAP kinase isoform p44;p44-MAPK ; Mitogen-activated protein kinase 3; MAP kinase 3; MAPK 3; EC 2.7.11.24; ERT2; Extracellular signal-regulated kinase 1; ERK-1; Insulin-stimulated MAP2 kinase; MAP kinase isoform p44; p44-MAPK; Microtubule-associated protein 2 kinase; p44-ERK1

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

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.

Recommended Dilution

WB: 1: 500 - 1: 2000

IHC-p: 1: 50 - 1: 300

Not yet tested in other applications.

Images

No images.

Storage

-20°C for 1 year