

MEK3 Rabbit Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP11274
Host	Rabbit
Isotype	IgG
Size	100ul, 50ul, 20ul
Immunogen	Recombinant Protein of MEK3
Mol wt	N/A
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	IHC-p, IF
Concentration	1 mg/ml
Full name	Dual specificity mitogen-activated protein kinase kinase 3
Synonyms	Dual specificity mitogen-activated protein kinase kinase 3 ;MAP kinase kinase 3;MAPKK 3;EC 2.7.12.2;MAPK/ERK kinase 3;MEK 3;Stress-activated protein kinase kinase 2;SAPK kinase 2;SAPKK-2; Dual specificity mitogen-activated protein kinase kinase 3; MAP kinase kinase 3; MAPKK 3; EC 2.7.12.2; MAPK/ERK kinase 3; MEK 3; Stress-activated protein kinase kinase 2; SAPK kinase 2; SAPKK-2; SAPKK2

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 dual specificity protein kinase that belongs to the MAP kinase kinase family. This kinase is activated by mitogenic and environmental stress, and participates in the MAP kinase-mediated signaling cascade. It phosphorylates and thus activates MAPK14/p38-MAPK. This kinase can be activated by insulin, and is necessary for the expression of glucose transporter. Expression of RAS oncogene is found to result in the accumulation of the active form of this kinase, which thus leads to the constitutive activation of MAPK14, and confers oncogenic transformation of primary cells. The inhibition of this kinase is involved in the pathogenesis of Yersinia pseudotuberculosis. Multiple alternatively spliced transcript variants that encode distinct isoforms have been reported for this gene.

Recommended Dilution

IHC-p: 1: 50 - 1: 300

Not yet tested in other applications.

Images

No images.

Storage

-20°C for 1 year