

MEK-5 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP11265
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	Recombinant Protein of MEK-5
Mol wt	N/A
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, IHC-p, IF
Concentration	
Full name	Dual specificity mitogen-activated protein kinase kinase 5
Synonyms	Dual specificity mitogen-activated protein kinase kinase 5; MAP2K5; MEK5; MKK5; PRKMK5; Dual specificity mitogen-activated protein kinase kinase 5; MAP kinase kinase 5; MAPKK 5; MAPK/ERK kinase 5; MEK 5

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 specifically interacts with and activates MAPK7/ERK5. This kinase itself can be phosphorylated and activated by MAP3K3/MEKK3, as well as by atypical protein kinase C isoforms (aPKCs). The signal cascade mediated by this kinase is involved in growth factor stimulated cell proliferation and muscle cell differentiation. Three alternatively spliced transcript variants of this gene encoding distinct isoforms have been described.

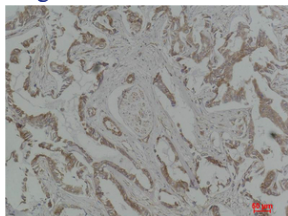
Recommended Dilution

WB: 1: 1000 - 1: 2000

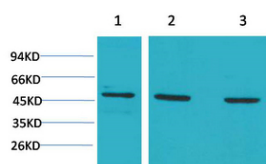
IHC: 1: 200 - 500

Not yet tested in other applications.

Images



Immunohistochemical analysis of paraffin-embedded Human Breast Carcinoma using MEK-5 Polyclonal Antibody.



Western blot analysis of 1) HeLa, 2) 3T3, 3) PC12 using MEK-5 Polyclonal Antibody. Secondary antibody was diluted at 1:20000

Storage

-20°C for 1 year

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