

anti- MAP3K3 antibody

Product Information

Catalog No.:	CAF50380
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Background

The mitogen-activated protein/ERK kinase kinase 3 (MEKK3) is a member of a family of MEKK/Ste11 serine/threonine protein kinases. One function of MEKK3 is to serve as an upstream regulatory kinase in the mitogen-activated protein kinase cascade, however, it also plays a critical role in other signaling pathways. MEKK3 regulates several important functions including cell survival and proliferation. It is ubiquitously expressed in multiple tissues and has been found in complexes with scaffold proteins and other kinases. (PMID: 18206350). Cerebral cavernous malformations (CCMs) complex regulation of MEKK3 is essential during vertebrate heart development. MEKK3 signalling and KLF2/4 may be targeted to develop new CCM therapeutics.

Immunogen information

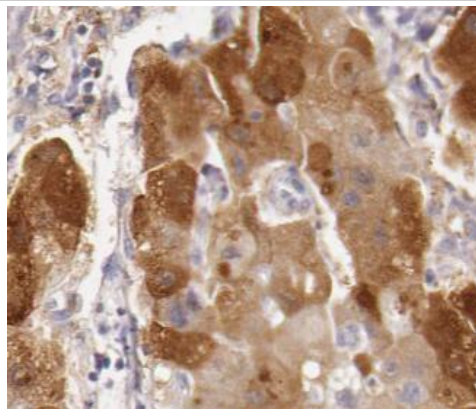
Immunogen:	mitogen-activated protein kinase kinase kinase 3
Synonyms:	MAP3K3, MAPK/ERK kinase kinase 3, MAPKKK3, MEK kinase 3, MEKK 3, MEKK3
Observed MW:	74 kDa
Uniprot ID :	Q99759

Application

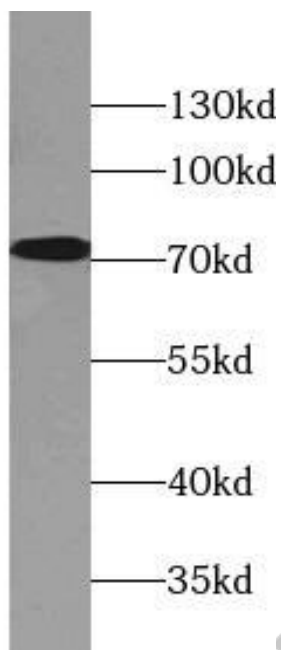
Reactivity:	Human
Tested Application:	ELISA, WB, IHC
Recommended dilution:	WB: 1:200-1:2000; IHC: 1:50-1:500
Image:	

This Antibody is for Research Use Only. Not for Diagnostic Procedures.

This is a sample Antibody manual only. Always refer to the hard copy manual included in the Antibody for your experiment.



Immunohistochemistry of paraffin-embedded human liver cancer tissue slide using CAF50380(MAP3K3 Antibody) at dilution of 1:100



HepG2 cells were subjected to SDS PAGE followed by western blot with CAF50380(MAP3K3 Antibody) at dilution of 1:300

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