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Datasheet for ABIN7074682
anti-MAP3K3 antibody

1 Image

Overview

Quantity:	100 µL
Target:	MAP3K3
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MAP3K3 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant protein corresponding to Mouse MEKK3
Cross-Reactivity:	Human, Rat
Purification:	Affinity purification

Target Details

Target:	MAP3K3
Alternative Name:	MEKK3 (MAP3K3 Products)
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

Target Details

been found in complexes with scaffold proteins and other kinases. 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.

Molecular Weight: 78 kDa

Gene ID: 26406

NCBI Accession: [NP_036077](#)

UniProt: [Q61084](#)

Pathways: [MAPK Signaling](#)

Application Details

Application Notes: WB (H,M,R) 1: 800-1: 1000

Restrictions: For Research Use only

Handling

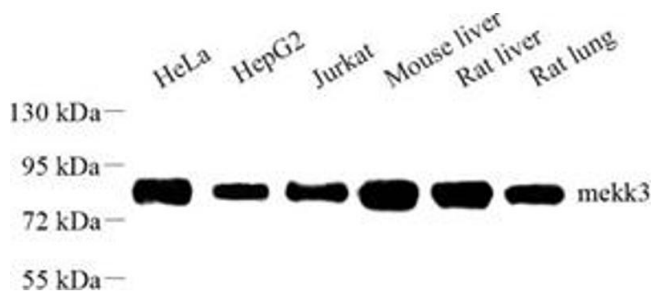
Format: Liquid

Buffer: PBS, pH 7.4, 0.02 % sodium azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C



Western Blotting

Image 1. Western blot analysis of mekk3 (ABIN7074682) at dilution of 1: 800