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# Datasheet for ABIN7268649 anti-MAP3K2 antibody

3 Images



#### Overview

Quantity:	100 µL
Target:	MAP3K2
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This MAP3K2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

## Product Details

Purpose:	MEKK2 Rabbit mAb
Immunogen:	A synthesized peptide derived from human MEKK2
lsotype:	lgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Monoclonal Antibodies
Purification:	Affinity purification

## Target Details

Target:	MAP3K2
Alternative Name:	MAP3K2 (MAP3K2 Products)
Background:	The protein encoded by this gene is a member of serine/threonine protein kinase family. This

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### Target Details

kinase preferentially activates other kinases involved in the MAP kinase signaling pathway. This
kinase has been shown to directly phosphorylate and activate Ikappa B kinases, and thus plays
a role in NF-kappa B signaling pathway. This kinase has also been found to bind and activate
protein kinase C-related kinase 2, which suggests its involvement in a regulated signaling
process. [provided by RefSeq, Jul 2008],MEKK2, MEKK2B,B Cell Receptor Signaling
Pathway,Cell Biology & Developmental Biology,Cytoskeleton,Cytoskeleton_Actins,Immunology
& Inflammation,Kinase,Kinase_Serine/threonine kinases,MAPK-JNK Signaling Pathway,MAPK-
P38 Signaling Pathway, Signal Transduction, MAP3K2

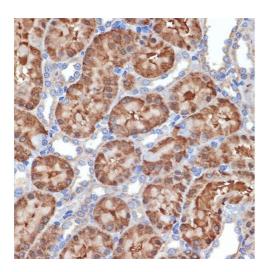
Molecular Weight:	70kDa
Gene ID:	10746
UniProt:	Q9Y2U5
Pathways:	MAPK Signaling

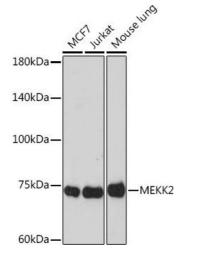
### Application Details

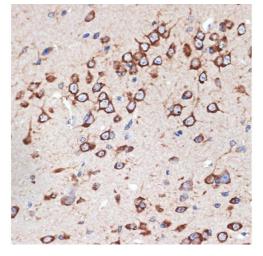
Application Notes:	WB,1:500 - 1:2000,IHC,1:50 - 1:200
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,0.05 % BSA,50 % glycerol, pH 7.3.
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
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.







#### Immunohistochemistry

**Image 1.** Immunohistochemistry of paraffin-embedded rat kidney using MEKK2 Rabbit mAb (ABIN7268649) at dilution of 1:100 (40x lens).Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.

#### Western Blotting

**Image 2.** Western blot analysis of extracts of various cell lines, using MEKK2 Rabbit mAb (ABIN7268649) at 1:1000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution.Lysates/proteins: 25 µg per lane.Blocking buffer: 3 % nonfat dry milk in TBST.Detection: ECL Enhanced Kit (RM00021).Exposure time: 180s.

#### Immunohistochemistry

**Image 3.** Immunohistochemistry of paraffin-embedded mouse brain using MEKK2 Rabbit mAb (ABIN7268649) at dilution of 1:100 (40x lens).Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.

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