

For Research Use Only

# MAP2K3 Polyclonal antibody

Catalog Number: 13898-1-AP

Featured Product

9 Publications



## Basic Information

Catalog Number:

13898-1-AP

Size:

400 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG4861

GenBank Accession Number:

BC032478

GeneID (NCBI):

5606

UNIPROT ID:

P46734

Full Name:

mitogen-activated protein kinase  
kinase 3

Calculated MW:

347 aa, 39 kDa

Observed MW:

36-40 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:4000

## Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse, rat

Positive Controls:

WB : A431 cells, mouse skeletal muscle tissue, A549 cells, THP-1 cells, rat skeletal muscle tissue

## Background Information

MAP2K3, also named MKK3, is a member of the dual specificity kinase group and serves as a specific activator of p38 MAPK with MKK6. MKK3 can be phosphorylated by cytokines and environmental stress at sites Ser189 and Thr193 by MKKK proteins (MEKK 1-4). MKK3 plays a key role in cell differentiation, motility, division, and death. It has been reported that MKK3 targeting may represent an effective and potentially safe therapeutic strategy to selectively kill cancer cells in colorectal cancer patients. (PMID: 31695024, 30770795, 26805700, 8622669)

## Notable Publications

Author	Pubmed ID	Journal	Application
Libo Hou	28889064	Mol Immunol	WB
Joan Sala-Gaston	36241744	Cell Mol Life Sci	WB
Shigui Chong	35324411	Bioengineered	WB

## Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

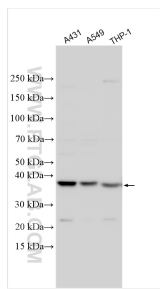
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

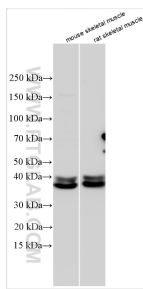
W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 13898-1-AP (MAP2K3 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



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