

For Research Use Only

# MAP4K3 Polyclonal antibody

Catalog Number: 30716-1-AP



## Basic Information

Catalog Number:

30716-1-AP

Size:

750 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG33512

GenBank Accession Number:

BC071579

GeneID (NCBI):

8491

UNIPROT ID:

Q8IVH8

Full Name:

mitogen-activated protein kinase  
kinase kinase kinase 3

Calculated MW:

101 kDa

Observed MW:

99-101 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:4000

IHC 1:50-1:500

IF/ICC 1:50-1:500

## Applications

Tested Applications:

WB, IHC, IF/ICC, ELISA

Species Specificity:

human, mouse, rat

**Note-IHC: suggested antigen retrieval with  
TE buffer pH 9.0; (\*) Alternatively, antigen  
retrieval may be performed with citrate  
buffer pH 6.0**

Positive Controls:

WB : U-87 MG cells, mouse brain tissue, rat brain tissue

IHC : mouse skeletal muscle tissue,

IF/ICC : U-87 MG cells,

## Background Information

MAP4K3(Mitogen-activated protein kinase kinase kinase 3) has kinase activity and that it activates JNK but not MAPK1, MAPK3 or MAPK14 through the activation of MAP3K1 and MAP2K4. Endogenous MAP4K3 kinase activity could be stimulated by exposure to ultraviolet radiation or to tumor necrosis factor.

## 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:

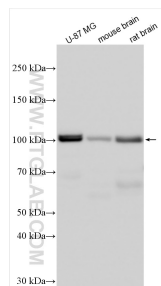
T: 4006900926

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

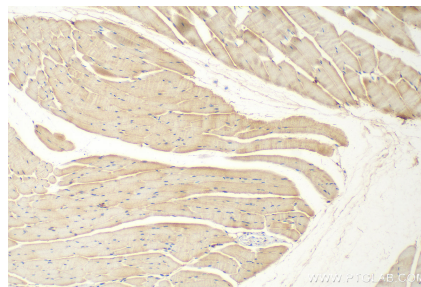
W: [ptgcn.com](http://ptgcn.com)

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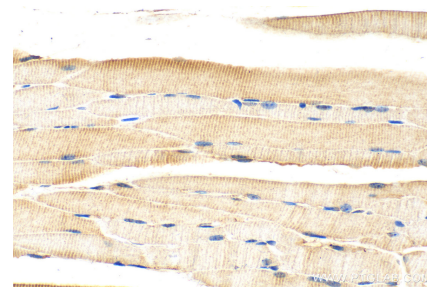
## Selected Validation Data



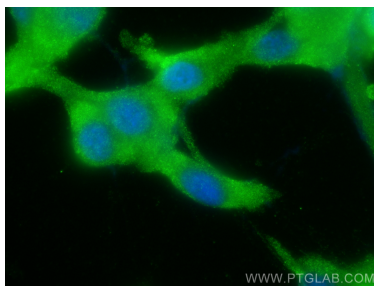
Various lysates were subjected to SDS PAGE followed by western blot with 30716-1-AP (MAP4K3 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse skeletal muscle tissue slide using 30716-1-AP (MAP4K3 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse skeletal muscle tissue slide using 30716-1-AP (MAP4K3 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Ethanol) fixed U-87 MG cells using MAP4K3 antibody (30716-1-AP) at dilution of 1:200 and Multi-rAb CoraLite ® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002).