

For Research Use Only

# MAP4K3 Polyclonal antibody

Catalog Number: 14702-1-AP

Featured Product

1 Publications



## Basic Information

<b>Catalog Number:</b> 14702-1-AP	<b>GenBank Accession Number:</b> BC071579	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 550 µg/ml by Nanodrop and 313 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 8491	<b>Recommended Dilutions:</b> WB 1:300-1:1000 IHC 1:20-1:200
<b>Source:</b> Rabbit	<b>Full Name:</b> mitogen-activated protein kinase kinase kinase 3	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 101 kDa	
<b>Immunogen Catalog Number:</b> AG6372	<b>Observed MW:</b> 100 kDa	

## Applications

<b>Tested Applications:</b> IHC, WB, ELISA	<b>Positive Controls:</b>
<b>Cited Applications:</b> WB	<b>WB :</b> human skeletal muscle tissue, HeLa cells, human brain tissue
<b>Species Specificity:</b> human, mouse, rat	<b>IHC :</b> human skeletal muscle tissue, human heart tissue
<b>Cited Species:</b> mouse, rat	
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## Background Information

MAP4K3(Mitogen-activated protein kinase 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.

## Notable Publications

Author	Pubmed ID	Journal	Application
Yuyan Fan	35510516	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

\*\*\* 20ul sizes contain 0.1% BSA

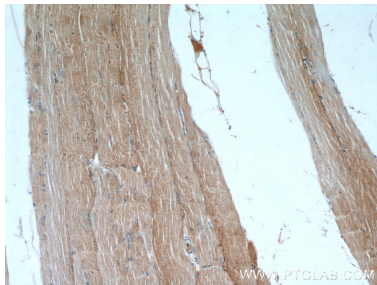
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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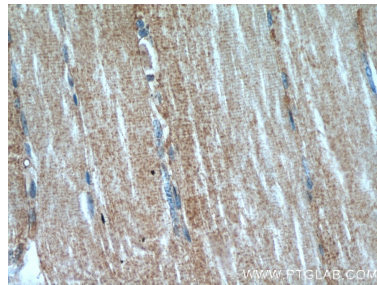
## Selected Validation Data



human skeletal muscle tissue were subjected to SDS PAGE followed by western blot with 14702-1-AP (MAP4K3 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human skeletal muscle using 14702-1-AP (MAP4K3 antibody) at dilution of 1:100 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human skeletal muscle using 14702-1-AP (MAP4K3 antibody) at dilution of 1:100 (under 40x lens).