

For Research Use Only

MAP4K3 Polyclonal antibody

Catalog Number: 30716-1-AP



Basic Information

Catalog Number: 30716-1-AP	GenBank Accession Number: BC071579	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 850 ug/ml by Nanodrop;	GeneID (NCBI): 8491	Recommended Dilutions: WB 1:1000-1:4000
Source: Rabbit	UNIPROT ID: Q8IVH8	IHC 1:50-1:500
Isotype: IgG	Full Name: mitogen-activated protein kinase kinase kinase 3	IF/ICC 1:50-1:500
Immunogen Catalog Number: AG33512	Calculated MW: 101 kDa	
	Observed MW: 99-101 kDa	

Applications

Tested Applications: WB, IHC, IF/ICC, ELISA	Positive Controls:
Species Specificity: human, mouse, rat	WB : U-87 MG cells, mouse brain tissue, rat brain tissue
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	IHC : mouse skeletal muscle tissue,
	IF/ICC : U-87 MG cells,

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.

Storage

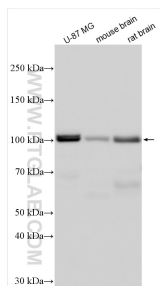
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

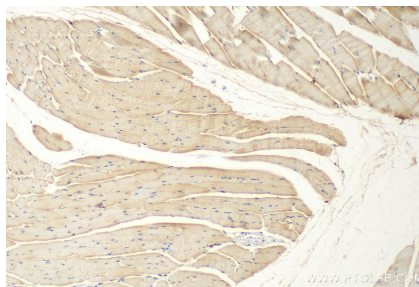
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

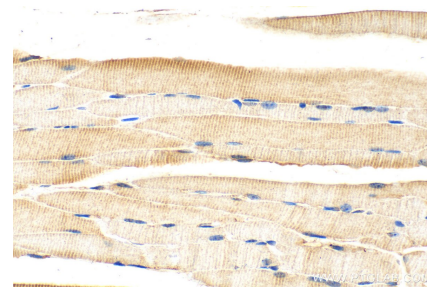
Selected Validation Data



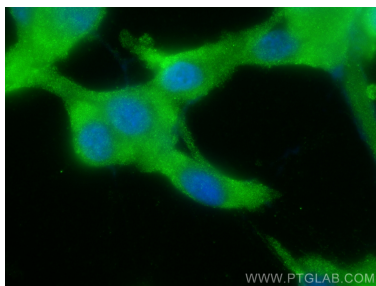
Various lysates were subjected to SDS PAGE followed by western blot with 30716-1-AP (MAP4K3 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



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).