

For Research Use Only

MLK2 Polyclonal antibody

Catalog Number: 29985-1-AP

1 Publications



Basic Information

Catalog Number:

29985-1-AP

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG32419

GenBank Accession Number:

NM_002446

GeneID (NCBI):

4294

UNIPROT ID:

Q02779

Full Name:

mitogen-activated protein kinase
kinase kinase 10

Calculated MW:

104KD

Observed MW:

104-115 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB: 1:20000-1:100000

IHC: 1:50-1:500

Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse, rat

Cited Species:

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 : mouse skeletal muscle tissue, rat skeletal muscle
tissue

IHC : mouse skeletal muscle tissue,

Background Information

MAP3K10, also named as MLK2 and MST, belongs to the protein kinase superfamily, STE Ser/Thr protein kinase family and MAP kinase kinase kinase subfamily. MAP3K10 activates the JUN N-terminal pathway. MAP3K10 catalyzes the reaction: ATP + a protein = ADP + a phosphoprotein. MAP3K10 can be detected 104-115 kDa by phosphorylation (PMID: 23178452).

Notable Publications

Author	Pubmed ID	Journal	Application
Wanjing Li	39411943	Comb Chem High Throughput Screen	WB

Storage

Storage:

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

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

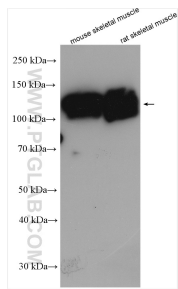
T: 4006900926

E: Proteintech-CN@ptglab.com

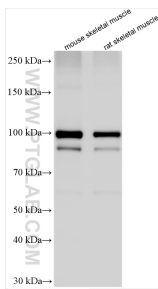
W: ptgcn.com

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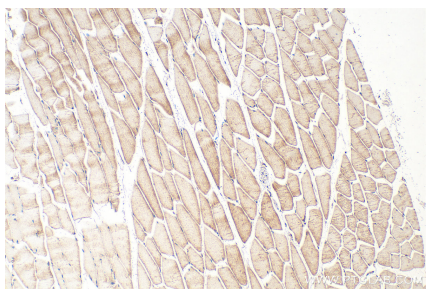
Selected Validation Data



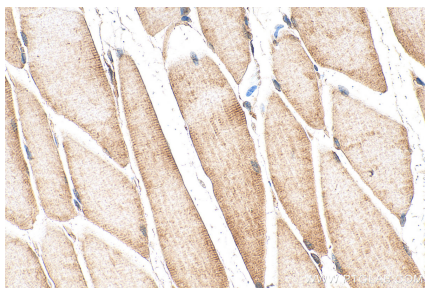
Various lysates were subjected to SDS PAGE followed by western blot with 29985-1-AP (MAP3K10 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Various lysates were subjected to SDS PAGE followed by western blot with 29985-1-AP (MAP3K10 antibody) at dilution of 1:50000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse skeletal muscle tissue slide using 29985-1-AP (MLK2 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 29985-1-AP (MLK2 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).