

For Research Use Only

MAPK12 Polyclonal antibody

Catalog Number: 20184-1-AP

Featured Product

6 Publications



Basic Information

Catalog Number:

20184-1-AP

Size:

150ul, Concentration: 700 ug/ml by Nanodrop and 420 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG14073

GenBank Accession Number:

BC015741

GeneID (NCBI):

6300

UNIPROT ID:

P53778

Full Name:

mitogen-activated protein kinase 12

Calculated MW:

367 aa, 42 kDa

Observed MW:

42 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB: 1:1000-1:5000

IP: 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IHC: 1:50-1:500

Applications

Tested Applications:

WB, IHC, IP, ELISA

Cited Applications:

WB, IHC

Species Specificity:

human, mouse, rat

Cited Species:

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: mouse heart tissue, human heart tissue, mouse skeletal muscle tissue, rat heart tissue

IP: mouse skeletal muscle tissue,

IHC: mouse heart tissue, human heart tissue

Notable Publications

Author	Pubmed ID	Journal	Application
Shuman Wang	34814904	BMC Endocr Disord	WB
Shutao Zheng	26666822	Tumour Biol	WB,IHC
Jie Liu	40155776	Nat Microbiol	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

*** 20ul sizes contain 0.1% BSA

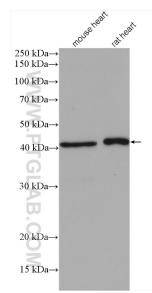
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

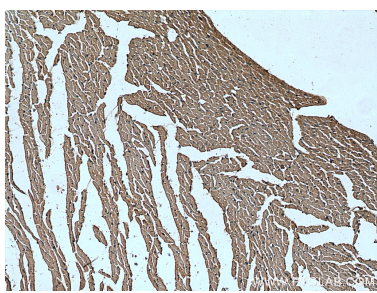
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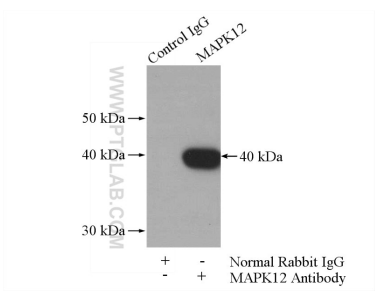
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 20184-1-AP (MAPK12 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse heart tissue slide using 20184-1-AP (MAPK12 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP result of anti-MAPK12 (IP:20184-1-AP, 4ug; Detection:20184-1-AP 1:800) with mouse skeletal muscle tissue lysate 2200ug.