

For Research Use Only

# MAP2K4 Polyclonal antibody

Catalog Number: 17340-1-AP

Featured Product

12 Publications



## Basic Information

Catalog Number:

17340-1-AP

Size:

150ul, Concentration: 400 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG11376

GenBank Accession Number:

BC036032

GeneID (NCBI):

6416

UNIPROT ID:

P45985

Full Name:

mitogen-activated protein kinase kinase 4

Calculated MW:

399 aa, 44 kDa

Observed MW:

44-50 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

IHC 1:50-1:500

## Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

WB, IHC

Species Specificity:

human, mouse

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 : K-562 cells, HeLa cells, RAW264.7, RAW 264.7 cells

IHC : human liver cancer tissue, human breast cancer tissue, human skeletal muscle tissue

## Background Information

MAP2K4 is also named as JNK1, MEK4, MKK4, PRKMK4, SEK1, SERK1, SKK1 and belongs to the protein kinase superfamily. MAP2K4 is a member of the mitogen-activated protein kinase family, originally identified as a kinase involved in the stress-activated protein kinase pathway by directly phosphorylating c-Jun NH 2-terminal kinase. This protein has 2 isoforms produced by alternative splicing.

## Notable Publications

Author	Pubmed ID	Journal	Application
Xuechao Wan	27594411	Int J Biochem Cell Biol	WB
Ze-Qing Pu	33124187	J Cell Mol Med	WB
Yiyi Liu	31594754	EBioMedicine	WB, IHC

## 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

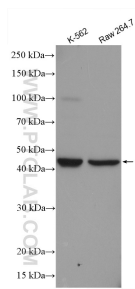
For technical support and original validation data for this product please contact:

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

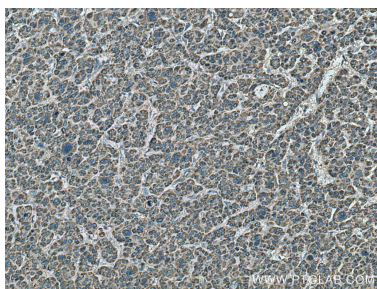
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 17340-1-AP (MAP2K4 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 17340-1-AP (MAP2K4 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).