

For Research Use Only

MAP3K7 Monoclonal antibody

Catalog Number: 67707-1-Ig



Basic Information

Catalog Number: 67707-1-Ig	GenBank Accession Number: BC017715	Purification Method: Protein G purification
Size: 150UL, Concentration: 500 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 6885	CloneNo.: 1A5B2
Source: Mouse	Full Name: mitogen-activated protein kinase kinase kinase 7	Recommended Dilutions: WB 1:500-1:3000 IHC 1:250-1:1000
Isotype: IgG1	Calculated MW: 579 aa, 64 kDa	
Immunogen Catalog Number: AG21286	Observed MW: 67-70 kDa	

Applications

Tested Applications:

IHC, WB, ELISA

Species Specificity:

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: A431 cells, NIH/3T3 cells, A549 cells, HEK-293 cells, Jurkat cells, K-562 cells, HSC-T6 cells, RAW 264.7 cells

IHC: human prostate cancer tissue, mouse brain tissue

Background Information

MAP3K7 (Mitogen-activated protein kinase kinase kinase 7) is also named as TAK1 and belongs to the MAP kinase kinase kinase subfamily. It plays an important role in the cascades of cellular responses evoked by changes in the environment. It has been linked to interleukin-1 receptor and tumor necrosis factor receptor signaling (PMID: 16186825). It has 4 isoforms (53-55 kDa, 64-70 kDa and 75-80 kDa) produced by alternative splicing.

Storage

Storage:

Store at -20°C.

Storage Buffer:

PBS with 0.1% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

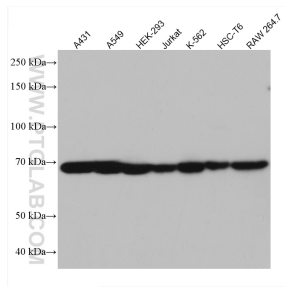
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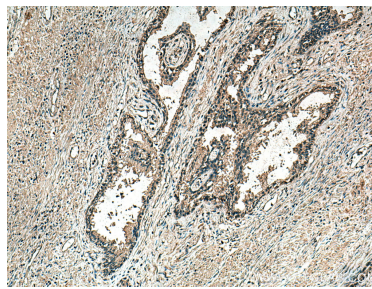
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67707-1-Ig (MAP3K7 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human prostate cancer tissue slide using 67707-1-Ig (MAP3K7 antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).