

For Research Use Only

# MAP3K2 Polyclonal antibody

Catalog Number: 29265-1-AP 1 Publications



## Basic Information

<b>Catalog Number:</b> 29265-1-AP	<b>GenBank Accession Number:</b> NM_006609	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 500 µg/ml	<b>GeneID (NCBI):</b> 10746	<b>Recommended Dilutions:</b> WB 1:500-1:2000 IHC 1:50-1:500
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9Y2U5	
<b>Isotype:</b> IgG	<b>Full Name:</b> mitogen-activated protein kinase kinase kinase 2	
<b>Immunogen Catalog Number:</b> AG30886	<b>Calculated MW:</b> 70 kDa	
	<b>Observed MW:</b> 70 kDa	

## Applications

<b>Tested Applications:</b> IHC, WB, ELISA	<b>Positive Controls:</b> WB : HeLa cells, K-562 cells, MCF-7 cells IHC : human breast cancer tissue,
<b>Cited Applications:</b> WB	
<b>Species Specificity:</b> Human	
<b>Cited Species:</b> human	
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## Background Information

MAP3K2, also named as MEK2 and MEK2B, belongs to the protein kinase superfamily, STE Ser/Thr protein kinase family and MAPK kinase kinase subfamily. It is a component of a protein kinase signal transduction cascade. MAP3K2 mediates activation of the NF-kappa-B, AP1 and DDIT3 transcriptional regulators. The antibody is specific to MAP3K2.

## Notable Publications

Author	Pubmed ID	Journal	Application
Chang Liu	34258104	Mol Ther Nucleic Acids	WB

## Storage

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

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

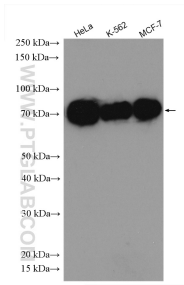
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

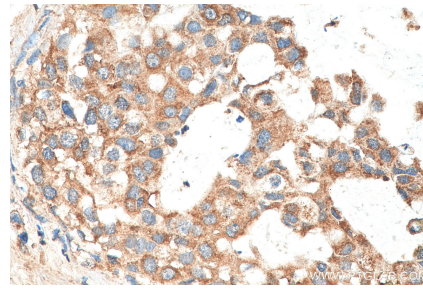
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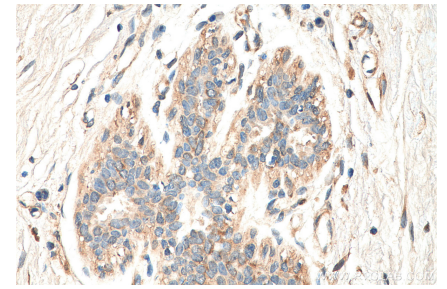
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 29265-1-AP (MAP3K2 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 29265-1-AP (MAP3K2 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 29265-1-AP (MAP3K2 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).