

For Research Use Only

# MKK7 Polyclonal antibody

Catalog Number: 55030-1-AP

Featured Product

8 Publications



## Basic Information

### Catalog Number:

55030-1-AP

### Size:

300 µg/ml

### Source:

Rabbit

### Isotype:

IgG

### GenBank Accession Number:

NM\_145185

### GeneID (NCBI):

5609

### UNIPROT ID:

O14733

### Full Name:

mitogen-activated protein kinase  
kinase 7

### Calculated MW:

52 kDa

### Observed MW:

60 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:200-1:1000

IHC 1:100-1:400

IF/ICC 1:20-1:200

## Applications

### Tested Applications:

WB, IHC, IF/ICC, ELISA

### Cited Applications:

WB, IHC, IF, IP

### 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: NIH/3T3 cells,

IHC: human lung cancer tissue,

IF/ICC: NIH/3T3 cells,

## Background Information

## Notable Publications

Author	Pubmed ID	Journal	Application
Li quan Hong	27226726	Onco Targets Ther	WB, IHC
Zhuoying Li	28467514	PLoS One	WB
Lin Lu	30849960	BMC Cancer	WB

## Storage

### Storage:

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

### 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:

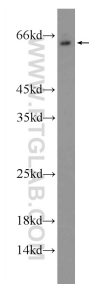
T: 4006900926

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

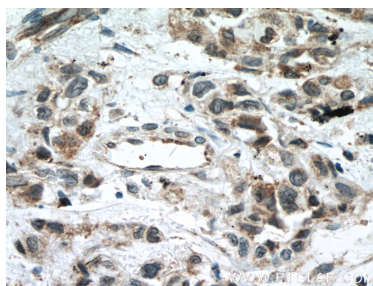
W: [ptgcn.com](http://ptgcn.com)

**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

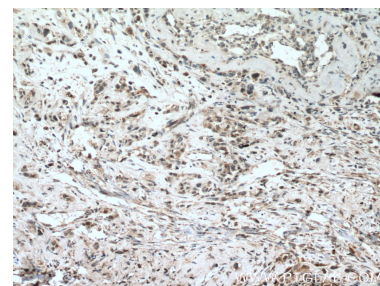
## Selected Validation Data



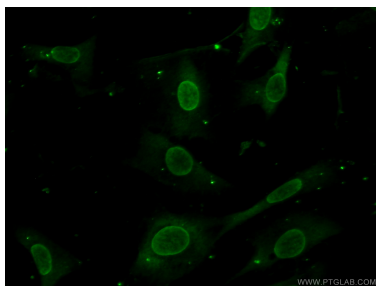
NIH/3T3 cells were subjected to SDS PAGE followed by western blot with 55030-1-AP (MKK7 Antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 55030-1-AP (MKK7 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 lung cancer tissue slide using 55030-1-AP (MKK7 Antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Ethanol) fixed NIH/3T3 cells using 55030-1-AP (MKK7 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated Goat Anti-Rabbit IgG(H+L).