

## Anti-MKK7 Rabbit pAb



WLH4160

For Research Use Only. Not For Use In Diagnostic Procedures

## Product Information

<b>Product name</b>	Anti-MKK7 Rabbit pAb	
<b>Source</b>	Rabbit	
<b>Species reactivity</b>	Human, Mouse, Rat	
<b>Tested applications</b>	WB	1:1000-1:2000
	IHC	1:100-1:400
	IF	1:100-1:400
<b>Cellular localization</b>	Nucleus. Cytoplasm	
<b>Pack size</b>	50/100/200/500/1000μl	
<b>Storage</b>	Store at -20°C. <b>Avoid freeze/thaw cycles.</b>	
<b>Storage buffer</b>	Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 μg/ml	
	BSA, 50% glycerol and less than 0.02% sodium azide	

## General Information

<b>Background</b>	MKK7 is a MAP kinase kinase that serves as a specific activator of the SAPK/JNK pathway. This kinase is involved in the signal transduction mediating the cell responses to proinflammatory cytokines, and environmental stresses. Alternative splicing results in multiple transcript variants. Sequence alignment of the activation loop of the MAP kinase family members indicates that Ser271 and Thr275 are potential phosphorylation sites that are crucial for the kinase activity.
<b>Immunogen</b>	Polyclonal antibody is produced by immunizing animals with a synthetic peptide of MKK7.
<b>Purification</b>	Polyclonal antibody was purified by Protein A affinity chromatography.

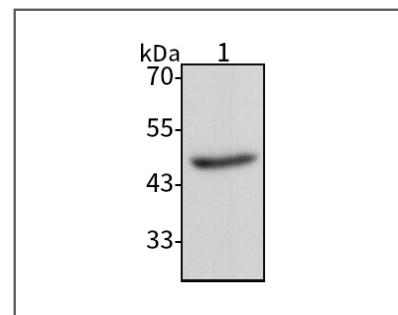
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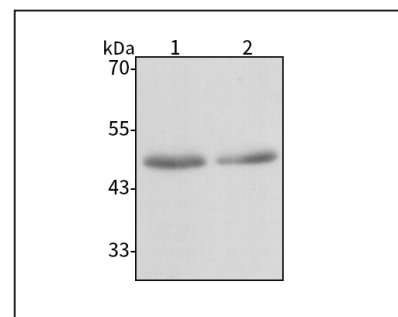
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## Product Images



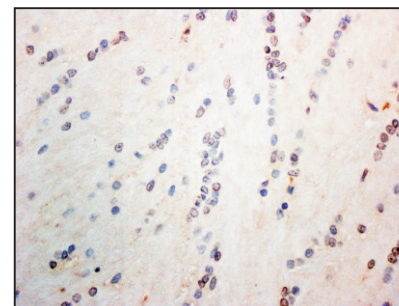
## Western blot-Anti-MKK7 pAb

Lane 1: Human LP-1 cell lysate  
 All lanes: Anti-MKK7 at 1:1000 dilution  
 Lysates/proteins at 20-50 μg per lane.  
 Predicted band size: 47 kDa  
 Observed band size: 47-52 kDa



## Western blot-Anti-MKK7 pAb

Lane 1: Mouse brain tissue lysate  
 Lane 2: Rat brain tissue lysate  
 All lanes: Anti-MKK7 at 1:1000 dilution  
 Lysates/proteins at 20-50 μg per lane.  
 Predicted band size: 47 kDa  
 Observed band size: 47-52 kDa



## Immunohistochemistry-Anti-MKK7 pAb

Immunohistochemical analysis of paraffin-embedded rat brain using anti-MKK7 Rabbit Antibody at 1:300 dilution.  
 Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0

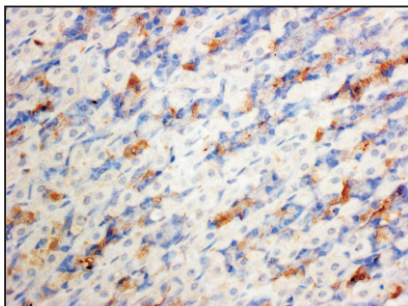
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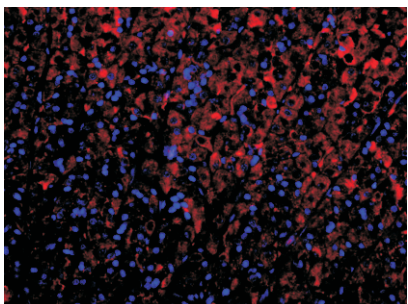
### Product Information



#### Immunohistochemistry-Anti-MKK7 pAb

Immunohistochemical analysis of paraffin-embedded rat stomach using anti-MKK7 Rabbit Antibody at 1:300 dilution.

Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



#### Immunofluorescence-Anti-MKK7 pAb

Immunofluorescence analysis of paraffin-embedded rat stomach using anti-MKK7 Rabbit Antibody at 1:200 dilution.

Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0