

## Product Datasheet

### Anti-MKK7 Rabbit pAb

For Research Use Only. Not For Use In Diagnostic Procedures



WLH4160

### Product Information

Product name	Anti-MKK7 Rabbit pAb	
Source	Rabbit	
Species reactivity	Human, Mouse, Rat	
Tested applications	WB	1:1000-1:2000
	IHC	1:100-1:400
	IF	1:100-1:400
Cellular localization	Nucleus. Cytoplasm	
Pack size	50/100/200/500/1000µl	
Storage	Store at -20°C. <b>Avoid freeze/thaw cycles.</b>	
Storage buffer	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

Background	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.
Immunogen	Polyclonal antibody is produced by immunizing animals with a synthetic peptide of MKK7.
Purification	Polyclonal antibody was purified by Protein A affinity chromatography.

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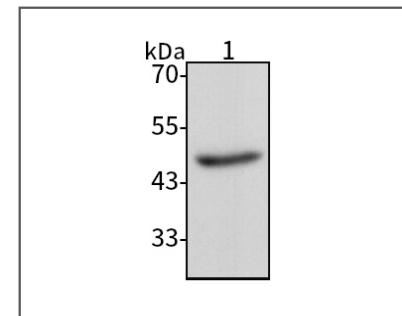
### Anti-MKK7 Rabbit pAb

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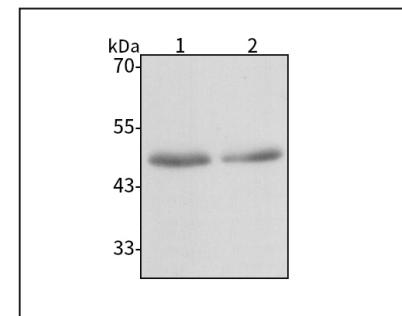
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### Product Images



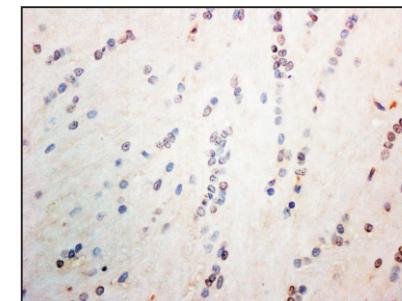
#### Western blot-Anti-MKK7 pAb

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

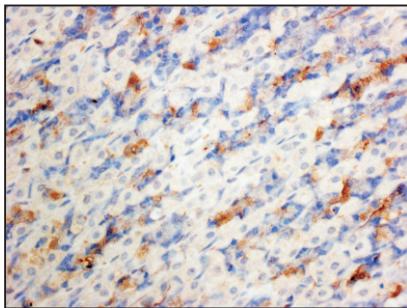
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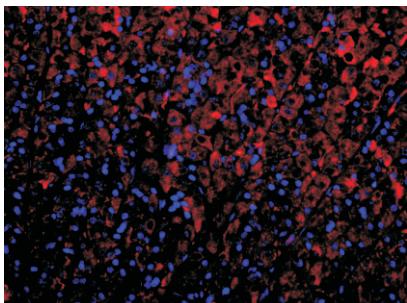
### Product Information



#### 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.