

## Anti-JNK1 Rabbit pAb



WL05246

For Research Use Only. Not For Use In Diagnostic Procedures

## Product Information

<b>Product name</b>	Anti-JNK1 Rabbit pAb	
<b>Source</b>	Rabbit	
<b>Species reactivity</b>	Human, Mouse, Rat	
<b>Tested applications</b>	WB	1:500-1:1000
<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

## Background

c-Jun N-terminal kinases (JNKs) phosphorylate and augment transcriptional activity of c-Jun. JNKs originate from three genes that yield 10 isoforms through alternative mRNA splicing, including JNK1a1, JNK1b1, JNK2a1, JNK2b1, and JNK3a1, which represent the p46 isoforms, and JNK1a2, JNK1b2, JNK2a2, JNK2b2, and JNK3b2, which represent the p54 isoforms. JNKs coordinate cell responses to stress and influence regulation of cell growth and transformation. The human JNK1 (PRKM8, SAPK1, MAPK8) gene maps to chromosome 10q11.22 and shares 83% amino acid identity with JNK2. JNK1 is necessary for normal activation and differentiation of CD4 helper T (TH) cells into TH1 and TH2 effector cells. Capsaicin activates JNK1 and p38 in ras-transformed human breast epithelial cells. Nitrogen oxides (NOx) upregulate JNK1 in addition to c-Fos, c-Jun, and other signaling kinases, including MEKK1 and p38.

## Immunogen

Polyclonal antibody is produced by immunizing animals with a synthetic peptide of JNK1.

## Purification

Polyclonal antibody was purified by immunogen affinity chromatography.

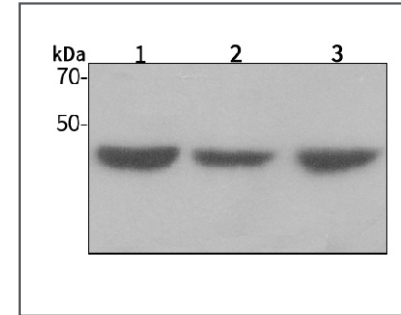
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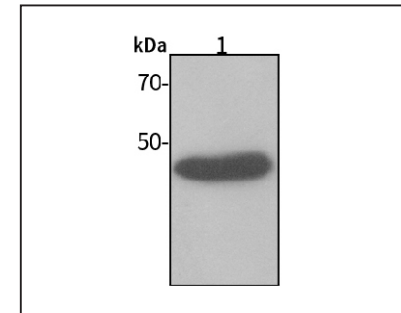
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## Product Images



## Western blot-Anti-JNK1 pAb

Lane 1: Human HEK-293 cell lysate  
 Lane 2: Human HUVEC cell lysate  
 Lane 3: Human SW480 cell lysate  
 All lanes: Anti-JNK1 at 1:500 dilution  
 Lysates/proteins at 20-50 µg per lane.  
 Predicted band size: 46 kDa  
 Observed band size: 46,54 kDa



## Western blot-Anti-JNK1 pAb

Lane 1: Rat colon tissue lysate  
 All lanes: Anti-JNK1 at 1:500 dilution  
 Lysates/proteins at 20-50 µg per lane.  
 Predicted band size: 46 kDa  
 Observed band size: 46,54 kDa