

## Product Datasheet

### Anti-JUND Rabbit pAb



For Research Use Only. Not For Use In Diagnostic Procedures

WL06055

#### Product Information

Product name	Anti-JUND Rabbit pAb	
Source	Rabbit	
Species reactivity	Human, Mouse, Rat	
Tested applications	WB	1:1000-1:2000
	IHC	1:500
	IF	1:500
Cellular localization	Nucleus	
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**

The activator protein-1 (AP-1) transcription factor consists of either Jun/Jun homodimers or Fos/Jun heterodimeric complexes. JunD, along with closely related family members c-Jun and JunB, is a transcription factor that can activate or repress a wide array of target genes. Studies suggest that the two forms of Jun D may be due to internal initiation of translation. JunD appears to specifically regulate genes involved in antioxidant response and hydrogen peroxide production and plays an important role in angiogenesis via its ability to exert transcriptional control over the VEGF gene.

**Immunogen**

Polyclonal antibody is produced by immunizing animals with a recombinant protein of JUND .

**Purification**

Polyclonal antibody was purified by protein A affinity chromatography.

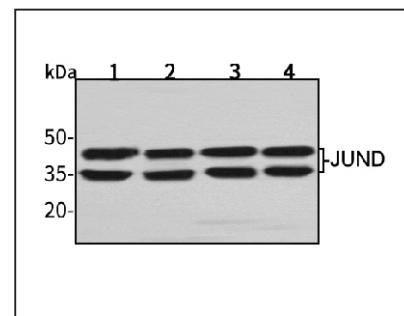
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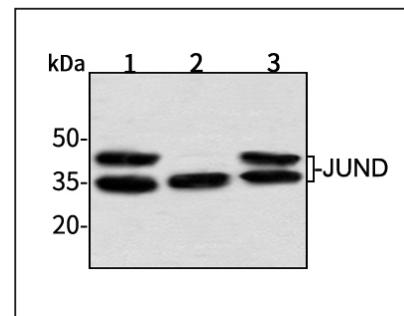
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#### Product Images



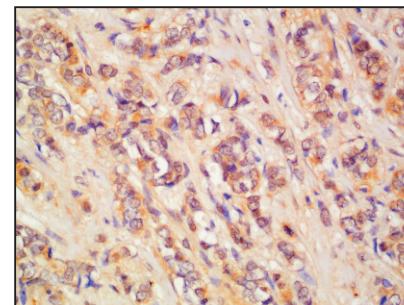
##### Western blot-Anti-JUND pAb

Lane 1: Human HepG2 cell lysate  
 Lane 2: Human Hela cell lysate  
 Lane 3: Human BGC-823 cell lysate  
 Lane 4: Human MGC-803 cell lysate  
 All lanes: Anti-JUND at 1:1000 dilution  
 Lysates/proteins at 20-50 μg per lane.  
 Predicted band size: 35 kDa  
 Observed band size: 35,40 kDa



##### Western blot-Anti-JUND pAb

Lane 1: Mouse liver tissue lysate  
 Lane 2: Mouse lung tissue lysate  
 Lane 3: Rat kidney tissue lysate  
 All lanes: Anti-JUND at 1:1000 dilution  
 Lysates/proteins at 20-50 μg per lane.  
 Predicted band size: 35 kDa  
 Observed band size: 35,40 kDa



##### Immunohistochemistry-Anti-JUND pAb

Immunohistochemical analysis of paraffin-embedded human breast cancer using anti-JUND Rabbit Antibody at 1:500 dilution.  
 Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0

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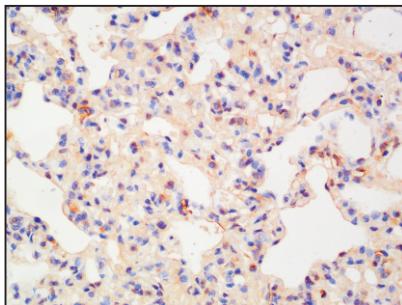
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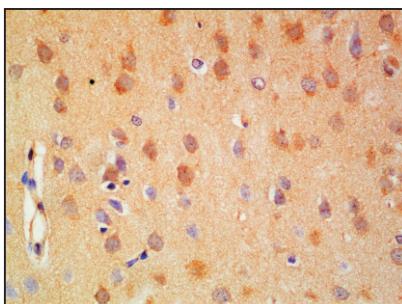
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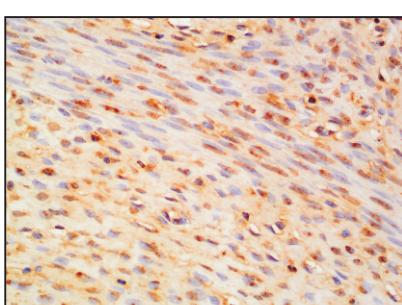
##### Immunohistochemistry-Anti-JUND pAb

Immunohistochemical analysis of paraffin-embedded rat lung using anti-JUND Rabbit Antibody at 1:500 dilution.  
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



##### Immunohistochemistry-Anti-JUND pAb

Immunohistochemical analysis of paraffin-embedded rat cerebral cortex using anti-JUND Rabbit Antibody at 1:500 dilution.  
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



##### Immunohistochemistry-Anti-JUND pAb

Immunohistochemical analysis of paraffin-embedded rat uterus using anti-JUND Rabbit Antibody at 1:500 dilution.  
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0

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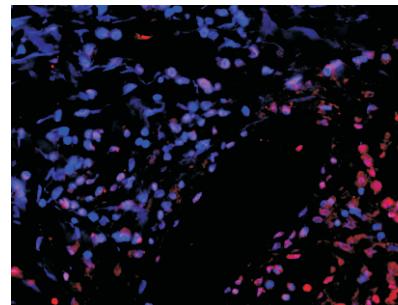
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##### Immunofluorescence-Anti-JUND pAb

Immunofluorescence analysis of paraffin-embedded human lung cancer using anti-JUND Rabbit Antibody at 1:500 dilution.  
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0