

# JunD Antibody

Rabbit mAb

Catalog # AP90923

## Product Information

<b>Application</b>	WB, IHC, IF, ICC, IHF
<b>Primary Accession</b>	<a href="#">P17535</a>
<b>Reactivity</b>	Rat, Human, Mouse
<b>Clonality</b>	Monoclonal
<b>Other Names</b>	Activator protein 1; AP 1; Jun D; jun D proto oncogene; Jund; JunD FL isoform; Transcription factor jun D;
<b>Isotype</b>	Rabbit IgG
<b>Host</b>	Rabbit
<b>Calculated MW</b>	35174

## Additional Information

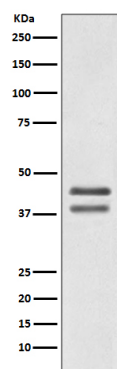
<b>Dilution</b>	WB 1:500~1:1000 IHC 1:100~1:500 ICC/IF 1:100~1:500
<b>Purification</b>	Affinity-chromatography
<b>Immunogen</b>	A synthesized peptide derived from human JunD
<b>Description</b>	JunD, along with closely related family members c-Jun and JunB, is a transcription factor that can activate or repress a wide array of target genes. JunD transcriptional activity is modulated by phosphorylation in response to cellular stress via the c-Jun N-terminal Kinase (JNK)/Stress-Activated Protein Kinase (SAPK) family of protein kinases.
<b>Storage Condition and Buffer</b>	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

## Protein Information

<b>Name</b>	JUND
<b>Function</b>	Transcription factor binding AP-1 sites (PubMed: <a href="#">9989505</a> ). Heterodimerizes with proteins of the FOS family to form an AP-1 transcription factor complex, thereby enhancing their DNA binding activity to an AP-1 consensus sequence 3'-TGA[GC]TCA-5' and enhancing their transcriptional activity (PubMed: <a href="#">28981703</a> , PubMed: <a href="#">9989505</a> ).
<b>Cellular Location</b>	Nucleus.

## Images

Western blot analysis of JunD expression in Jurkat cell



lysate.

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