

**Product Name: Jun D Rabbit Polyclonal Antibody**  
**Catalog #: APRab12853**



## Summary

<b>Production Name</b>	Jun D Rabbit Polyclonal Antibody
<b>Description</b>	Rabbit Polyclonal Antibody
<b>Host</b>	Rabbit
<b>Application</b>	IHC, WB, ELISA
<b>Reactivity</b>	Human, Mouse, Rat

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Polyclonal
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
<b>Purification</b>	Affinity purification

## Immunogen

<b>Gene Name</b>	JUND
<b>Alternative Names</b>	JUND; Transcription factor jun-D
<b>Gene ID</b>	3727.0
<b>SwissProt ID</b>	P17535. The antiserum was produced against synthesized peptide derived from human JunD. AA range: 222-271

## Application

<b>Dilution Ratio</b>	WB 1:500 - 1:2000. IHC 1:100 - 1:300. ELISA: 1:20000..
<b>Molecular Weight</b>	38kD

## Background

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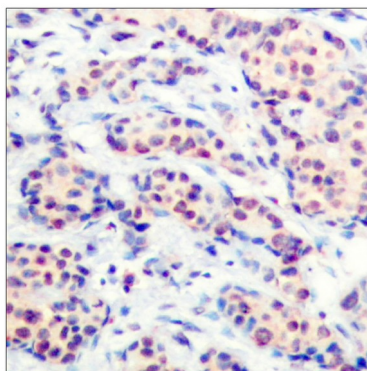


The protein encoded by this intronless gene is a member of the JUN family, and a functional component of the AP1 transcription factor complex. This protein has been proposed to protect cells from p53-dependent senescence and apoptosis. Alternative translation initiation site usage results in the production of different isoforms (PMID:12105216). [provided by RefSeq, Nov 2013],function: Binds an AP-1 site and upon cotransfection stimulates the activity of a promoter that bears an AP-1 site.,similarity: Belongs to the bZIP family. Jun subfamily.,similarity: Contains 1 bZIP domain.,subunit: Binds DNA as a dimer.,

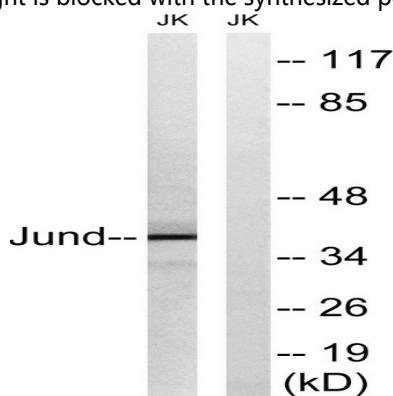
## Research Area

MAPK\_ERK\_Growth;MAPK\_G\_Protein;

## Image Data

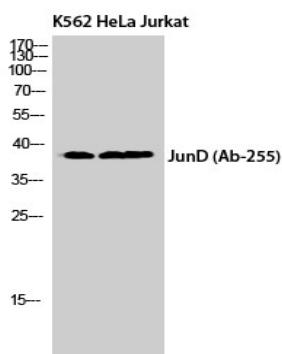


Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using JunD Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from Jurkat cells, using JunD Antibody. The lane on the right is blocked with the synthesized peptide.

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Western Blot analysis of K562 HeLa Jurkat cells using Jun D Polyclonal Antibody cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Inventbiotech, MN, USA) .

### **Note**

For research use only.