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**Product Name: Phospho-JunD (Ser73/100) Rabbit Polyclonal Antibody****Catalog #: APRab00789**

For research use only.

**Summary**

<b>Description</b>	Rabbit polyclonal Antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC,ELISA
<b>Reactivity</b>	Human,Mouse,Rat
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Phosphorylated
<b>Isotype</b>	IgG
<b>Clonality</b>	Polyclonal
<b>Form</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% sodium azide, pH 7.3.
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:1000,IHC 1:50-1:100,ELISA 1:5000-1:20000
<b>Molecular Weight</b>	Calculated MW: 36 kDa; Observed MW: 36 kDa

**Antigen Information**

<b>Gene Name</b>	JUN/JUND
<b>Alternative Names</b>	JUN; Transcription factor AP-1; Activator protein 1; AP1; Proto-oncogene c-Jun; V-jun avian sarcoma virus 17 oncogene homolog; p39; JUND; Transcription factor jun-D
<b>Gene ID</b>	3725/3727
<b>SwissProt ID</b>	P05412/P17535
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human c-Jun around the phosphorylation site of Ser73. AA range:40-89

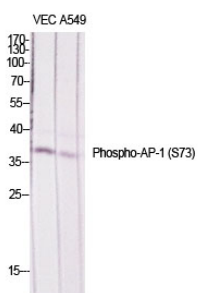
**Background**

c-jun is a transcription factor that recognizes and binds to the enhancer heptamer motif 5'-TGA[CG]TCA-3'. Promotes activity of NR5A1 when phosphorylated by HIPK3 leading to increased steroidogenic gene expression upon cAMP signaling pathway stimulation.

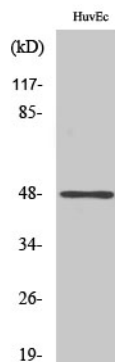
## Research Area

Epigenetics and Nuclear Signaling

## Image Data



Western blot analysis of Phospho-JunD (Ser73/100) in various lysates using Phospho-JunD (Ser73/100) antibody.



Western blot analysis of Phospho-JunD (Ser73/100) in HuvEc lysates using Phospho-AP1/Jun D (S73/100) antibody.