

## Summary

<b>Production Name</b>	HSF-27 Rabbit Polyclonal Antibody
<b>Description</b>	Rabbit Polyclonal Antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC,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>	CDK5RAP3
<b>Alternative Names</b>	CDK5RAP3; IC53; MSTP016; OK/SW-cl.114; PP1553; CDK5 regulatory subunit-associated protein 3; CDK5 activator-binding protein C53; Protein HSF-27
<b>Gene ID</b>	80279.0
<b>SwissProt ID</b>	Q96JB5.The antiserum was produced against synthesized peptide derived from human CDK5RAP3. AA range:341-390

## Application

<b>Dilution Ratio</b>	WB 1:500 - 1:2000. IHC 1:100 - 1:300. ELISA: 1:5000..
<b>Molecular Weight</b>	60kD

## Background

This gene encodes a protein that has been reported to function in signaling pathways governing transcriptional regulation and cell cycle progression. It may play a role in tumorigenesis and metastasis. A pseudogene of this gene is located on the long arm of chromosome 20. Alternative splicing results in multiple transcript variants that encode different isoforms.

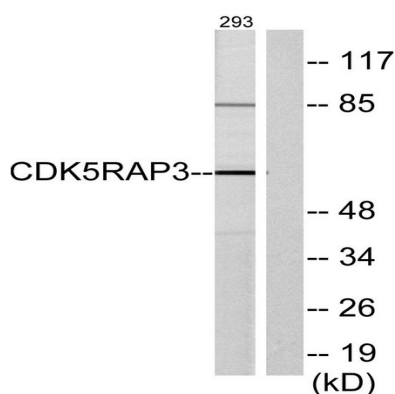
[provided by RefSeq, May 2013],function:Potential regulator of CDK5 activity. May be involved in cell proliferation.

Regulates CDK5 activity via its interaction with CDK5R1.,PTM:Phosphorylated in vitro by CDK5.,similarity:Belongs to the CDK5RAP3 family.,subunit:Interacts with CDK5R1. This interaction is prevented by the association between CDK5R1 and CDK5RAP3 (By similarity). Interacts with the enteric adenovirus serotype 41 fiber protein.,tissue specificity:Ubiquitous.

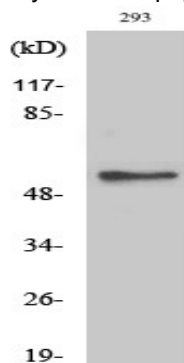
Expressed in heart, brain, placenta, lung, liver, skeletal muscle, kidney and pancreas. Isoform 3 is expressed in kidney, liver, skeletal muscle and placenta.,

## Research Area

## Image Data

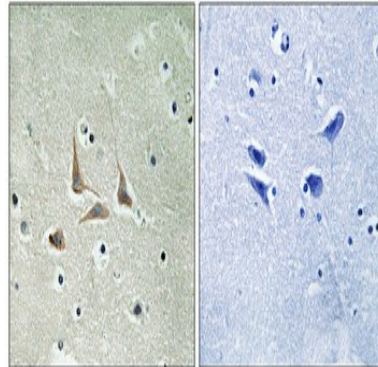


Western blot analysis of lysates from 293 cells, using CDK5RAP3 Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using HSF-27 Polyclonal Antibody diluted at 1: 2000

**Product Name: HSF-27 Rabbit Polyclonal Antibody**  
**Catalog #: APRab12225**



Immunohistochemical analysis of paraffin-embedded Human brain. Antibody was diluted at 1:100 (4°, overnight) . High-pressure and temperature Tris-EDTA, pH8.0 was used for antigen retrieval. Negative control (right) obtained from antibody was pre-absorbed by immunogen peptide.

### **Note**

For research use only.