



## Rabbit Anti-CDK5RAP3 antibody

SL6518R

<b>Product Name:</b>	CDK5RAP3
<b>Chinese Name:</b>	周期素依赖性激酶5激活Binding proteinC53抗体
<b>Alias:</b>	C53; CDK5 activator binding protein C53; CDK5 regulatory subunit associated protein 3; HSF 27; HSF27; IC53; Ischemic heart CDK5 activator binding protein C53; LXXLL/leucine zipper containing ARFbinding protein; LZAP; MST016; OK/SW cl.114; PP1553; CK5P3_HUMAN.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,Dog,Cow,Sheep,
<b>Applications:</b>	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	57kDa
<b>Cellular localization:</b>	The nucleuscytoplasmic
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human CDK5RAP3:51-150/506
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	Neuronal CDC2-like kinase, which is involved in the regulation of neuronal differentiation, is composed of a catalytic subunit, CDK5, and an activating subunit, p25NCK5A. The protein encoded by this gene binds to p25NCK5A and therefore may be involved in neuronal differentiation. The encoded protein, which may be a substrate

of neuronal CDC2-like kinase, has also been found in vascular endothelial cells, where it mediates cell proliferation.

**Function:**

CDK5RAP3 may be involved in cell proliferation through regulation of the CDK5 family by interaction with CDK5 receptor 1.

**Subunit:**

Interacts with CDK5R1. This interaction is prevented by the association between CDK5R1 and CDK5RAP3. Interacts with the enteric adenovirus serotype 41 fiber protein. Interacts with UFL1.

**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.

**Post-translational modifications:**

Phosphorylated in vitro by CDK5

**Similarity:**

Belongs to the CDK5RAP3 family.

**SWISS:**

Q96JB5

**Gene ID:**

80279

**Database links:**

[Entrez Gene: 80279](#)Human

[Entrez Gene: 80280](#)Mouse

[Entrez Gene: 80278](#)Rat

[Omim: 608202](#)Human

[SwissProt: Q96JB5](#)Human

[SwissProt: Q99LM2](#)Mouse

[SwissProt: Q9JLH7](#)Rat

[Unigene: 20157](#)Human

[Unigene: 28297](#)Mouse

[Unigene: 3727](#)Rat

	<p><b>Important Note:</b></p>
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