

## CDK5RAP3 rabbit monoclonal antibody

Catalog # H00080279-K      Size 100 ug x up to 3

### Specification

<b>Product Description</b>	Rabbit monoclonal antibody raised against a human CDK5RAP3 peptide using ARM Technology.
<b>Immunogen</b>	A synthetic peptide of human CDK5RAP3 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
<b>Host</b>	Rabbit
<b>Library Construction</b>	Non-fusion antibody library from rabbit spleen ( <a href="#">ARM Technology</a> ).
<b>Expression</b>	Overexpression vector and transfection into 293H cell line.
<b>Reactivity</b>	Human
<b>Purification</b>	Protein A
<b>Isotype</b>	IgG
<b>Quality Control Testing</b>	Antibody reactive against human CDK5RAP3 peptide by ELISA and mammalian transfected lysate by Western Blot.
<b>Storage Buffer</b>	In 1x PBS, pH 7.4
<b>Storage Instruction</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
<b>Deliverable</b>	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
<b>Note</b>	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) <sub>2</sub> , IgG, scFv and different Fc and non-Fc conjugates per customer request.

### Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

## Gene Info — CDK5RAP3

Entrez GeneID	<a href="#">80279</a>
GeneBank Accession#	<a href="#">CDK5RAP3</a>
Gene Name	CDK5RAP3
Gene Alias	C53, HSF-27, IC53, LZAP, MST016, OK/SW-cl.114
Gene Description	CDK5 regulatory subunit associated protein 3
Omim ID	<a href="#">608202</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	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. [provided by RefSeq]
Other Designations	LXXLL/leucine-zipper-containing ARFbinding protein ischemic heart CDK5 activator-binding protein C53