

## CDK5R2 rabbit monoclonal antibody

Catalog # H00008941-K

Size 100 ug x up to 3

### Specification

<b>Product Description</b>	Rabbit monoclonal antibody raised against a human CDK5R2 peptide using ARM Technology.
<b>Immunogen</b>	A synthetic peptide of human CDK5R2 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 CDK5R2 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 — CDK5R2

Entrez GeneID	<a href="#">8941</a>
GeneBank Accession#	<a href="#">CDK5R2</a>
Gene Name	CDK5R2
Gene Alias	NCK5AI, P39, p39nck5ai
Gene Description	cyclin-dependent kinase 5, regulatory subunit 2 (p39)
Omim ID	<a href="#">603764</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	The protein encoded by this gene is a neuron-specific activator of CDK5 kinase. It associates with CDK5 to form an active kinase. This protein and neuron-specific CDK5 activator CDK5R1/p39 NCK5A both share limited similarity to cyclins, and thus may define a distinct family of cyclin-dependent kinase activating proteins. [provided by RefSeq]
Other Designations	CDK5 activator 2 cyclin-dependent kinase 5 activator isoform p39i cyclin-dependent kinase 5, regulatory subunit 2 neuronal CDK5 activator isoform