

# ADCY6 rabbit monoclonal antibody

Catalog # H00000112-K      Size 100 ug x up to 3

## Specification

<b>Product Description</b>	Rabbit monoclonal antibody raised against a human ADCY6 peptide using ARM Technology.
<b>Immunogen</b>	A synthetic peptide of human ADCY6 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 ADCY6 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 — ADCY6

Entrez GeneID	<a href="#">112</a>
GeneBank Accession#	<a href="#">ADCY6</a>
Gene Name	ADCY6
Gene Alias	AC6, DKFZp779F075, KIAA0422
Gene Description	adenylate cyclase 6
Omim ID	<a href="#">600294</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	<p>This gene encodes adenylate cyclase 6, which is a membrane-associated enzyme and catalyzes the formation of the secondary messenger cyclic adenosine monophosphate (cAMP). The expression of this gene is found in normal thyroid and brain tissues, as well as some tumors; and its expression is significantly higher in one hyperfunctioning thyroid tumor than in normal thyroid tissue. Alternative splicing generates 2 transcript variants. [provided by RefSeq]</p>
Other Designations	-

## Pathway

- [Chemokine signaling pathway](#)
- [Gap junction](#)
- [GnRH signaling pathway](#)
- [Melanogenesis](#)
- [Purine metabolism](#)
- [Taste transduction](#)
- [Vascular smooth muscle contraction](#)

## Disease

- [Genetic Predisposition to Disease](#)
- [Hypertension](#)
- [Hypertrophy](#)