

ADCY9 rabbit monoclonal antibody

Catalog # H00000115-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human ADCY9 peptide using ARM Technology.
Immunogen	A synthetic peptide of human ADCY9 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human ADCY9 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	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) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — ADCY9

Entrez GeneID	115
GeneBank Accession#	ADCY9
Gene Name	ADCY9
Gene Alias	AC9
Gene Description	adenylate cyclase 9
Omim ID	603302
Gene Ontology	Hyperlink
Gene Summary	Adenylate cyclase is a membrane bound enzyme that catalyses the formation of cyclic AMP from ATP. It is regulated by a family of G protein-coupled receptors, protein kinases, and calcium. The type 9 adenylyl cyclase is a widely distributed adenylyl cyclase, and it is stimulated by beta-adrenergic receptor activation but is insensitive to forskolin, calcium, and somatostatin. [provided by RefSeq]
Other Designations	type IX ATP pyrophosphate-lyase type IX adenylyl cyclase

Pathway

- [Calcium signaling pathway](#)
- [Chemokine signaling pathway](#)
- [Gap junction](#)
- [GnRH signaling pathway](#)
- [Melanogenesis](#)
- [Purine metabolism](#)
- [Vascular smooth muscle contraction](#)
- [Vibrio cholerae infection](#)

Disease

- [Asthma](#)
- [Bipolar Disorder](#)
- [Cognition](#)
- [Depressive Disorder](#)
- [Epilepsies](#)
- [Genetic Predisposition to Disease](#)
- [Malaria](#)
- [Schizophrenia](#)
- [Schizophrenic Psychology](#)
- [Syndrome](#)
- [Weight Gain](#)