

ADCYAP1 rabbit monoclonal antibody

Catalog # H00000116-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human ADCYAP1 peptide using ARM Technology.
Immunogen	A synthetic peptide of human ADCYAP1 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 ADCYAP1 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 — ADCYAP1

Entrez GeneID	116
GeneBank Accession#	ADCYAP1
Gene Name	ADCYAP1
Gene Alias	MGC126852, PACAP
Gene Description	adenylate cyclase activating polypeptide 1 (pituitary)
Omim ID	102980
Gene Ontology	Hyperlink
Gene Summary	This gene encodes adenylate cyclase activating polypeptide 1. Mediated by adenylate cyclase activating polypeptide 1 receptors, this polypeptide stimulates adenylate cyclase and subsequently increases the cAMP level in target cells. Adenylate cyclase activating polypeptide 1 is not only a hypophysiotropic hormone, but also functions as a neurotransmitter and neuromodulator. In addition, it plays a role in paracrine and autocrine regulation of certain types of cells. This gene encodes three different mature peptides, including two isoforms, a shorter form and a longer form. Two transcript variants encoding the same protein have been found for this gene. [provided by RefSeq]
Other Designations	OTTHUMP00000162201 adenylate cyclase activating polypeptide

Pathway

- [Neuroactive ligand-receptor interaction](#)

Disease

- [Alcoholism](#)
- [Anorexia Nervosa](#)
- [Asthma](#)
- [Bipolar Disorder](#)
- [Bulimia](#)

- [Chronobiology Disorders](#)
- [Depressive Disorder](#)
- [Diabetes Mellitus](#)
- [Disease Susceptibility](#)
- [Genetic Predisposition to Disease](#)
- [Interview](#)
- [Mental Disorders](#)
- [Multiple Sclerosis](#)
- [Schizophrenia](#)
- [Sudden Infant Death](#)