

PDE1C rabbit monoclonal antibody

Catalog # H00005137-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human PDE1C peptide using ARM Technology.
Immunogen	A synthetic peptide of human PDE1C 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 PDE1C 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 — PDE1C

Entrez GeneID	5137
GeneBank Accession#	PDE1C
Gene Name	PDE1C
Gene Alias	Hcam3
Gene Description	phosphodiesterase 1C, calmodulin-dependent 70kDa
Omim ID	602987
Gene Ontology	Hyperlink
Gene Summary	O
Other Designations	Human 3',5' cyclic nucleotide phosphodiesterase (HSPDE1C1A) OTTHUMP00000025454 OTTHUMP00000123471 phosphodiesterase 1C, calmodulin-dependent (70kD)

Pathway

- [Calcium signaling pathway](#)
- [Olfactory transduction](#)
- [Purine metabolism](#)

Disease

- [Celiac Disease](#)
- [Depressive Disorder](#)
- [Genetic Predisposition to Disease](#)
- [Tobacco Use Disorder](#)