

PPCDC rabbit monoclonal antibody

Catalog # H00060490-K

Size 100 ug x up to 3

Specification

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

Entrez GeneID	60490
GeneBank Accession#	PPCDC
Gene Name	PPCDC
Gene Alias	FLJ14585, MDS018
Gene Description	phosphopantothenoylcysteine decarboxylase
Omim ID	609854
Gene Ontology	Hyperlink
Gene Summary	Biosynthesis of coenzyme A (CoA) from pantothenic acid (vitamin B5) is an essential universal pathway in prokaryotes and eukaryotes. PPCDC (EC 4.1.1.36), one of the last enzymes in this pathway, converts phosphopantothenoylcysteine to 4-prime-phosphopantetheine (Daugherty et al., 2002 [PubMed 11923312]).[supplied by OMIM]
Other Designations	-

Pathway

- [Metabolic pathways](#)
- [Pantothenate and CoA biosynthesis](#)