

PCYOX1 rabbit monoclonal antibody

Catalog # H00051449-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human PCYOX1 peptide using ARM Technology.
Immunogen	A synthetic peptide of human PCYOX1 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 PCYOX1 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 — PCYOX1

Entrez GeneID	51449
GeneBank Accession#	PCYOX1
Gene Name	PCYOX1
Gene Alias	KIAA0908, PCL1
Gene Description	prenylcysteine oxidase 1
Omim ID	610995
Gene Ontology	Hyperlink
Gene Summary	Prenylcysteine is released during the degradation of prenylated proteins. PCYOX1 catalyzes the degradation of prenylcysteine to yield free cysteines and a hydrophobic isoprenoid product (Tschantz et al., 1999 [PubMed 10585463]).[supplied by OMIM]
Other Designations	prenylcysteine lyase