

PDHA2 rabbit monoclonal antibody

Catalog # H00005161-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human PDHA2 peptide using ARM Technology.
Immunogen	A synthetic peptide of human PDHA2 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 PDHA2 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 — PDHA2

Entrez GeneID	5161
GeneBank Accession#	PDHA2
Gene Name	PDHA2
Gene Alias	MGC149517, MGC149518, PDHAL
Gene Description	pyruvate dehydrogenase (lipoamide) alpha 2
Omim ID	179061
Gene Ontology	Hyperlink
Gene Summary	E1-alpha polypeptide
Other Designations	pyruvate dehydrogenase, E1-alpha polypeptide, testis specific

Pathway

- [Biosynthesis of alkaloids derived from histidine and purine](#)
- [Biosynthesis of alkaloids derived from ornithine](#)
- [Biosynthesis of alkaloids derived from shikimate pathway](#)
- [Biosynthesis of alkaloids derived from terpenoid and polyketide](#)
- [Biosynthesis of phenylpropanoids](#)
- [Biosynthesis of plant hormones](#)
- [Biosynthesis of terpenoids and steroids](#)
- [Butanoate metabolism](#)
- [Citrate cycle \(TCA cycle\)](#)
- [Glycolysis / Gluconeogenesis](#)
- [Metabolic pathways](#)

- [Pyruvate metabolism](#)
- [Valine](#)