

ALDOC rabbit monoclonal antibody

Catalog # H00000230-K Size 100 ug x up to 3

Specification

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

Entrez GeneID	230
GeneBank Accession#	ALDOC
Gene Name	ALDOC
Gene Alias	ALDC
Gene Description	aldolase C, fructose-bisphosphate
Omim ID	103870
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the class I fructose-biphosphate aldolase gene family. Expressed specifically in the hippocampus and Purkinje cells of the brain, the encoded protein is a glycolytic enzyme that catalyzes the reversible aldol cleavage of fructose-1,6-biphosphate and fructose 1-phosphate to dihydroxyacetone phosphate and either glyceraldehyde-3-phosphate or glyceraldehyde, respectively. [provided by RefSeq]
Other Designations	OTTHUMP00000163437 aldolase 3 brain-type aldolase fructoaldolase C fructose-1,6-biphosphate triosephosphate lyase fructose-bisphosphate aldolase C

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](#)
- [Carbon fixation in photosynthetic organisms](#)
- [Fructose and mannose metabolism](#)

- [Glycolysis / Gluconeogenesis](#)
- [Metabolic pathways](#)
- [Pentose phosphate pathway](#)