

ACAD10 rabbit monoclonal antibody

Catalog # H00080724-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human ACAD10 peptide using ARM Technology.
Immunogen	A synthetic peptide of human ACAD10 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 ACAD10 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 — ACAD10

Entrez GeneID	80724
GeneBank Accession#	ACAD10
Gene Name	ACAD10
Gene Alias	MGC5601
Gene Description	acyl-Coenzyme A dehydrogenase family, member 10
Omim ID	611181
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the acyl-CoA dehydrogenase family of enzymes (ACADs), which participate in the beta-oxidation of fatty acids in mitochondria. The encoded enzyme contains a hydrolase domain at the N-terminal portion, a serine/threonine protein kinase catalytic domain in the central region, and a conserved ACAD domain at the C-terminus. Several alternatively spliced transcript variants of this gene have been described, but the full-length nature of some of these variants has not been determined. [provided by RefSeq]
Other Designations	-

Disease

- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Diabetes Mellitus](#)
- [Genetic Predisposition to Disease](#)
- [Insulin Resistance](#)
- [Tobacco Use Disorder](#)