

ACAD9 rabbit monoclonal antibody

Catalog # H00028976-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human ACAD9 peptide using ARM Technology.
Immunogen	A synthetic peptide of human ACAD9 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 ACAD9 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 — ACAD9

Entrez GeneID	28976
GeneBank Accession#	ACAD9
Gene Name	ACAD9
Gene Alias	ACAD-9, FLJ23533, MGC14452, NPD002
Gene Description	acyl-Coenzyme A dehydrogenase family, member 9
Omim ID	611103 611126
Gene Ontology	Hyperlink
Gene Summary	Mitochondrial fatty acid beta-oxidation is one of the main energy-producing metabolic pathways in eukaryotes. Acyl-CoA dehydrogenases (ACADs; EC 1.3.99.13) are mitochondrial enzymes that catalyze the initial rate-limiting step in the beta-oxidation of fatty acyl-CoA. ACAD9 belongs to a group of ACADs that act on fatty acids containing 14 to 20 carbons (Zhang et al., 2002 [PubMed 12359260]).[supplied by OMIM]
Other Designations	acyl-CoA dehydrogenase 9 very-long-chain acyl-CoA dehydrogenase VLCAD

Pathway

- [1- and 2-Methylnaphthalene degradation](#)
- [Geraniol degradation](#)