

ACOT7 rabbit monoclonal antibody

Catalog # H00011332-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human ACOT7 peptide using ARM Technology.
Immunogen	A synthetic peptide of human ACOT7 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 ACOT7 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 — ACOT7

Entrez GeneID	11332
GeneBank Accession#	ACOT7
Gene Name	ACOT7
Gene Alias	ACH1, ACT, BACH, CTE-II, LACH, LACH1, MGC1126, hBACH
Gene Description	acyl-CoA thioesterase 7
Omim ID	602587
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the acyl coenzyme family. The encoded protein hydrolyzes the CoA thioester of palmitoyl-CoA and other long-chain fatty acids. Decreased expression of this gene may be associated with mesial temporal lobe epilepsy. Alternatively spliced transcript variants encoding distinct isoforms with different subcellular locations have been characterized. [provided by RefSeq]
Other Designations	OTTHUMP00000001410 OTTHUMP00000001413 OTTHUMP00000001414 acyl-CoA thioesterase 2 acyl-CoA thioesterase, long chain brain acyl CoA hydrolase brain acyl-CoA hydrolase cytosolic acyl coenzyme A thioester hydrolase long chain acyl-CoA thioester hydrolase

Pathway

- [Biosynthesis of unsaturated fatty acids](#)

Disease

- [Cerebral Hemorrhage](#)
- [Chronic Disease](#)
- [Genetic Predisposition to Disease](#)
- [Hypertension](#)
- [Intracranial Hemorrhages](#)

- [Kidney Diseases](#)
- [Stroke](#)
- [Subarachnoid Hemorrhage](#)