

DNAPAb

Hard-to-Find
Antibody

ACOT7 DNAPAb

Catalog # H00011332-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human ACOT7 DNA using DNAX™ Immune technology.
Technology	DNAX™ Immune
Immunogen	Full-length human DNA
Sequence	MKLLARALRLCEFRQASSRRLVAGQGCVGPRRGCCAPVQVVGPRADLPPCGACITGRIMRPD DANVAGNVHGGTILKMIEEAGAIISTRHCNSQNGERCVAALARVERTDFLSPMCIGEVAVHSAEITY TSKHSVEVQVNVMSENILTGAKKLTNKATLWYVPLSLKNVDKVLVPPVVYSRQEQEEEGRKRY EAQKLERMETKWRNGDIVQPVLNPEPNTVSYSQSSLIHLVGPSDCTLHGFVHGGVTMKLMDEVA GIVAARHCKTNIVTASVDAINFHDKIRKGCVITISGRMTFTSNKSMEIEVLVDADPVDSSQKRYRAA SAFFTYVSLSQEGRSLPVPQLVPETEDEKKRFEEGKGRYLQMKAKRQGHAEPPQ
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

Gene Info — ACOT7

Entrez GeneID [11332](#)

GeneBank Accession# [NM_181864.2](#)

Protein Accession# [NP_863654.1](#)

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](#)