ACBD6 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	ACBD6, Polyclonal Antibody
Full Product Name	ACBD6, NT (ACBD6, Acyl-CoA-binding domain-containing protein 6) (MaxLight 550)
Product Gene Name	anti-ACBD6 antibody
Product Synonym Names	ACBD6; Acyl-CoA-binding domain-containing protein 6
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight550.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: MaxLight550 conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	31,151 Da
Chromosome Location	Chromosome: 1; NC_000001.10 (180257352..180472022, complement). Location: 1q25.1
3D Structure	ModBase 3D Structure for Q9BR61
Immunogen	ACBD6 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 51-78 amino acids from the N-terminal region of human ACBD6.
Conjugate	MaxLight550
Note	Preservative Free
Product Categories/Family for anti-ACBD6 antibody	Antibodies; Binding Proteins
Applications Tested/Suitable for anti-ACBD6 antibody	Western Blot (WB), FLISA
Application Notes for anti-ACBD6 antibody	WB: 1:100-500 FLISA: 1:1,000 Applications are based on unconjugated antibody.
Related Product Information for anti-ACBD6 antibody	MaxLight550 is a new Yellow-Green photostable dye conjugate comparable to Alexa Fluor546, 555, DyLight549, Cy3, TRITC and offers better labeling efficiency, brighter imaging and increased immunodetection. Absorbance (550nm); Emission (575nm); Extinction Coefficient 150,000.
Product References and Citations for anti-ACBD6 antibody	Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010): Soupene, E., et al. J. Lipid Res. 49(5):1103-1112(2008).
Other Notes	Small volumes of anti-ACBD6 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

Searchable Terms for ACBD6 purchase	MBS6270811 is an antibody targeting ACBD6. Also known as ACBD6, NT (ACBD6, Acyl-CoA-binding domain-containing protein 6) (MaxLight 550). Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for ACBD6. It may not necessarily be applicable to this product.

NCBI GI #	14150169
NCBI GeneID	84320
NCBI Accession #	NP_115736.1
UniProt Primary Accession #	Q9BR61
UniProt Related Accession #	Q9BR61
GenBank Nucleotide #	NM_032360.3
NCBI Official Full Name	acyl-CoA-binding domain-containing protein 6
NCBI Official Synonym Full Names	acyl-CoA binding domain containing 6
NCBI Official Symbol	ACBD6
UniProt Protein Name	Acyl-CoA-binding domain-containing protein 6
Protein Family	Acyl-CoA-binding domain-containing protein
UniProt Gene Name	ACBD6
UniProt Entry Name	ACBD6_HUMAN
NCBI Protein Information	acyl-CoA-binding domain-containing protein 6; acyl-Coenzyme A binding domain containing 6
UniProt Comments for ACBD6	ACBD6: Binds long-chain acyl-coenzyme A molecules with a strong preference for unsaturated C18:1-CoA, lower affinity for unsaturated C20:4-CoA, and very weak affinity for saturated C16:0- CoA. Does not bind fatty acids. Protein type: Lipid-binding Chromosomal Location of Human Ortholog: 1q25.3 Cellular Component: cytoplasm Molecular Function: acyl-CoA binding; lipid binding
Research Articles on ACBD6	**1.** Clinical trial of gene-disease association and gene-environment interaction. (HuGE Navigator)
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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