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ACBD6 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP18623a

Product Information

Application	WB, E
Primary Accession	Q9BR61
Other Accession	Q4V869, Q5RJK8, A2VDR2, NP_115736.1
Reactivity	Human
Predicted	Bovine, Rat, Xenopus, Mouse, Canine, Rabbit, Chicken
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB30449
Calculated MW	31151
Antigen Region	52-78

Additional Information

Gene ID	84320
Other Names	Acyl-CoA-binding domain-containing protein 6, ACBD6
Target/Specificity	This ACBD6 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 52-78 amino acids from the N-terminal region of human ACBD6.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	ACBD6 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	ACBD6
Function	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. Plays a role

	in protein N-myristoylation (PubMed:37951597).
Cellular Location	Cytoplasm. Nucleus
Tissue Location	Detected in placenta and spleen (at protein level). Detected in placenta, umbilical cord blood, CD34-positive hematopoietic progenitor cells and bone marrow.

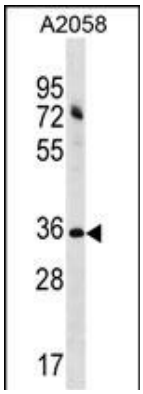
Background

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.

References

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)

Images



ACBD6 Antibody (N-term) (Cat. #AP18623a) western blot analysis in A2058 cell line lysates (35ug/lane).This demonstrates the ACBD6 antibody detected the ACBD6 protein (arrow).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.