

ACBD6 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP18623a

Product Information

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

Additional Information

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|---------------------------|--|
| 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

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|-----------------|--|
| 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

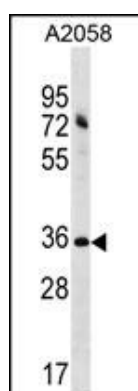
ACBD6 binds long-chain acyl-coenzyme A molecules with a strong preference for unsaturated C18:1-CoA, lower affinity for unsaturated C20:4-CoA, and very weak affinity for saturated C16:0-CoA. Does not bind fatty acids.

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'.