

Human Acyl-Coa-Binding Domain-Containing Protein 6, ACBD6 ELISA Kit | ACBD6 elisa kit

Human Acyl-Coa-Binding Domain-Containing Protein 6, ACBD6 Primacu ELISA Kit

CATALOG #
AAA124209

REACTIVITY
Human

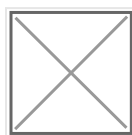
PRODUCT SYNONYMS

Acyl-Coa-Binding Domain-Containing Protein 6; ACBD6; Human Acyl-Coa-Binding Domain-Containing Protein 6; ACBD6 Primacu ELISA Kit; Acyl-CoA-binding domain-containing protein 6; ACBD6 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Assay Type	Sandwich
Samples	Serum, plasma, cell culture supernates
Detection Range	46.88-3000pg/mL
Sensitivity	13.43pg/mL
Standard Solution	30ng/mL
Assay Time	3.5h
Preparation and Storage	Store at 2-8 degree C

IMAGES



Standard Curve (Sample)

Typical Testing Data/Standard Curve (for reference only)

ADDITIONAL INFORMATION

Related Product Information for ACBD6 elisa kit

Human acyl-coenzyme A binding domain-containing member 6 (ACBD6) is a modular protein that carries an acyl-CoA binding domain at its N terminus and two ankyrin motifs at its C terminus. In mammals, there are six members of the acyl-CoA binding domain-containing (ACBD) family, and their annotation is not uniform. All six ACBD proteins contain an ACB domain at the N terminus, but they do not share significant homology at the C-terminal region. ACBD6 is a 32 kDa protein that is predicted by sequence analysis to carry an ACB domain between residues 42 and 125 and two ANK motifs at its C terminus. This protein binds long-chain acyl-CoAs with a strong preference for unsaturated, C18:1-CoA and C20:4-CoA, over saturated, C16:0-CoA, acyl species. ACBD6 is not a ubiquitous protein, but it is expressed in hematopoietic tissues and appears to be restricted to primitive stem cells present in those tissues with functions in blood and vessel development. ACBD6 was detected in bone marrow, spleen, placenta, cord blood, circulating CD34+ progenitors, and embryonic-like stem cells derived from placenta. In placenta, the protein was only detected in CD34+ progenitor cells present in blood and CD31+ endothelial cells surrounding the blood vessels. These cells were also positive for the marker CD133, and they probably constitute hemangiogenic stem cells, precursors of both blood and vessels. We propose that human ACBD6 represents a cellular marker for primitive progenitor cells with functions in hematopoiesis and vascular endothelium development.

Product Categories/Family for ACBD6 elisa kit

Primacu ELISA Kit; Cell biology; Signal transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	14150169
NCBI GeneID	84320
NCBI Accession #	NP_115736.1
NCBI GenBank Nucleotide #	NM_032360.3
UniProt Accession #	Q9BR61
Molecular Weight	31,151 Da
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
NCBI Protein Information	acyl-CoA-binding domain-containing protein 6; acyl-Coenzyme A binding domain containing 6
UniProt Protein Name	Acyl-CoA-binding domain-containing protein 6
UniProt Gene Name	ACBD6
UniProt Entry Name	ACBD6_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/acyl-coa-binding-domain-containing-protein-6-acbd6/124209>