

**ACBD5 Antibody (N-term)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP9143a****Specification**

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**ACBD5 Antibody (N-term) - Product Information**

Application	WB, IHC-P,E
Primary Accession	<a href="#">Q5T8D3</a>
Other Accession	<a href="#">A0FKI7</a> , <a href="#">Q5XG73</a>
Reactivity	Human, Mouse
Predicted	Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	60092
Antigen Region	69-98

**ACBD5 Antibody (N-term) - Additional Information****Gene ID** 91452**Other Names**

Acyl-CoA-binding domain-containing protein 5, ACBD5, KIAA1996

**Target/Specificity**

This ACBD5 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 69-98 amino acids from the N-terminal region of human ACBD5.

**Dilution**

WB~~1:1000

IHC-P~~1:50~100

**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**

ACBD5 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

**ACBD5 Antibody (N-term) - Protein Information****Name** ACBD5

**Synonyms** KIAA1996

**Function** Acyl-CoA binding protein which acts as the peroxisome receptor for pexophagy but is dispensable for aggrephagy and nonselective autophagy. Binds medium- and long-chain acyl-CoA esters.

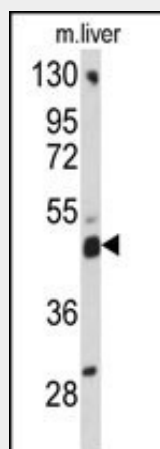
**Cellular Location**

Peroxisome membrane; Single-pass membrane protein

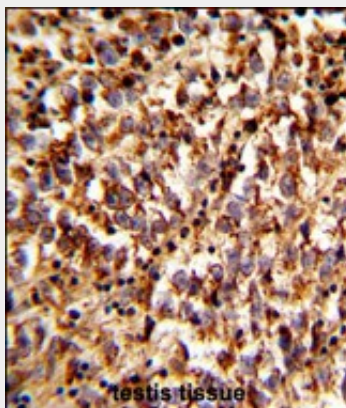
**ACBD5 Antibody (N-term) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**ACBD5 Antibody (N-term) - Images**

Western blot analysis of ACBD5 Antibody (N-term) (Cat. #AP9143a) in mouse liver tissue lysates (35ug/lane). ACBD5 (arrow) was detected using the purified Pab.



Formalin-fixed and paraffin-embedded human testis tissue reacted with ACBD5 Antibody (N-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.

**ACBD5 Antibody (N-term) - Background**

ACBD5 contains 1 ACB (acyl-CoA-binding) domain. There are four named isoforms.

**ACBD5 Antibody (N-term) - References**

Mayya V., et.al., Sci. Signal. 2:RA46-RA46(2009).

Han G., et.al., Proteomics 8:1346-1361(2008).

**ACBD5 Antibody (N-term) - Citations**

- [ACBD5 deficiency causes a defect in peroxisomal very long-chain fatty acid metabolism.](#)