

ACBD5 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP9143a

Product Information

Application	WB, IHC-P, E
Primary Accession	Q5T8D3
Other Accession	A0FKI7 , Q5XG73
Reactivity	Human, Mouse
Predicted	Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB23175
Calculated MW	60092
Antigen Region	69-98

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~~1:100~500 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	ACBD5 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

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

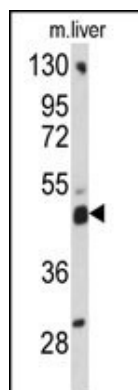
Background

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

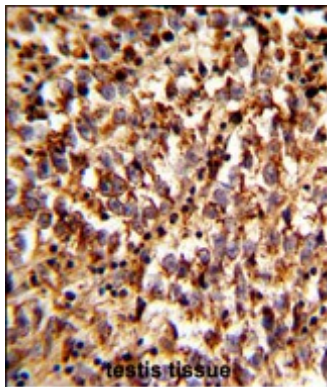
References

Mayya V., et.al., Sci. Signal. 2:RA46-RA46(2009).
Han G., et.al., Proteomics 8:1346-1361(2008).

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.

Citations

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

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