

**ACBD5 Antibody (N-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP9143a****Specification**

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

Primary Accession [Q5T8D3](#)

**ACBD5 Antibody (N-term) Blocking Peptide - Additional Information**

**Gene ID** 91452

**Other Names**

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

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody [AP9143a](/products/AP9143a) was selected from the N-term region of human ACBD5. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

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

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

- [Blocking Peptides](#)

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

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

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

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

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