

**ACOT12 Antibody (Center) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP8713c****Specification**

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**ACOT12 Antibody (Center) Blocking Peptide - Product Information**Primary Accession [Q8WYK0](#)**ACOT12 Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 134526**Other Names**

Acyl-coenzyme A thioesterase 12, Acyl-CoA thioesterase 12, Acyl-CoA thioester hydrolase 12, Cytoplasmic acetyl-CoA hydrolase 1, CACH-1, hCACH-1, START domain-containing protein 15, StARD15, ACOT12, CACH, CACH1, STARD15

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody [AP8713c](/products/AP8713c) was selected from the Center region of human ACOT12. 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.

**ACOT12 Antibody (Center) Blocking Peptide - Protein Information****Name** ACOT12**Synonyms** CACH, CACH1, STARD15**Function**

Catalyzes the hydrolysis of acyl-CoAs into free fatty acids and coenzyme A (CoASH), regulating their respective intracellular levels (PubMed: <http://www.uniprot.org/citations/16951743> target="\_blank">16951743</a>). Preferentially hydrolyzes acetyl-CoA (PubMed: <http://www.uniprot.org/citations/16951743> target="\_blank">16951743</a>).

**Cellular Location**

Cytoplasm, cytosol.

**ACOT12 Antibody (Center) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

**ACOT12 Antibody (Center) Blocking Peptide - Images****ACOT12 Antibody (Center) Blocking Peptide - Background**

ACOT12 hydrolyzes acetyl-CoA to acetate and CoA (By similarity).

**ACOT12 Antibody (Center) Blocking Peptide - References**

Suematsu,N., et.al., J. Chromatogr. B Analyt. Technol. Biomed. Life Sci. 790 (1-2),239-244 (2003)