

**ACOT9 Antibody (Center) Blocking Peptide**  
Synthetic peptide  
Catalog # BP18587c

**Specification**

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**ACOT9 Antibody (Center) Blocking Peptide - Product Information**

Primary Accession [Q9Y305](#)

**ACOT9 Antibody (Center) Blocking Peptide - Additional Information**

Gene ID 23597

**Other Names**

Acyl-coenzyme A thioesterase 9, mitochondrial, Acyl-CoA thioesterase 9, 312-, Acyl-CoA thioester hydrolase 9, ACOT9

**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.

**ACOT9 Antibody (Center) Blocking Peptide - Protein Information**

Name ACOT9 ([HGNC:17152](#))

**Function**

Mitochondrial acyl-CoA thioesterase. Catalyzes the hydrolysis of acyl-CoAs into free fatty acids and coenzyme A (CoA), regulating their respective intracellular levels. Regulates both mitochondrial lipid and amino acid metabolism.

**Cellular Location**

Mitochondrion {ECO:0000250|UniProtKB:Q9R0X4}. Mitochondrion matrix {ECO:0000250|UniProtKB:Q9R0X4}. Mitochondrion inner membrane {ECO:0000250|UniProtKB:Q9R0X4}

**ACOT9 Antibody (Center) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

**ACOT9 Antibody (Center) Blocking Peptide - Images**

**ACOT9 Antibody (Center) Blocking Peptide - Background**

The protein encoded by this gene is a mitochondrial acyl-CoA thioesterase of unknown function. Two transcript variants encoding different isoforms have been found for this gene.

**ACOT9 Antibody (Center) Blocking Peptide - References**

Hunt, M.C., et al. J. Lipid Res. 46(9):2029-2032(2005) Poupon, V., et al. J. Biol. Chem. 274(27):19188-19194(1999)