

ACOT4 Antibody (N-term) Blocking peptide
Synthetic peptide
Catalog # BP10169a**Specification**

ACOT4 Antibody (N-term) Blocking peptide - Product Information

Primary Accession [Q8N9L9](#)
Other Accession [NP_689544.3](#)

ACOT4 Antibody (N-term) Blocking peptide - Additional Information

Gene ID 122970

Other Names

Acyl-coenzyme A thioesterase 4, Acyl-CoA thioesterase 4, PTE-2b, Peroxisomal acyl coenzyme A thioester hydrolase Ib, Peroxisomal long-chain acyl-CoA thioesterase Ib, PTE-Ib, ACOT4, PTE2B, PTEIB

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.

ACOT4 Antibody (N-term) Blocking peptide - Protein Information

Name ACOT4

Synonyms PTE2B, PTEIB

Function

Catalyzes the hydrolysis of acyl-CoAs into free fatty acids and coenzyme A (CoASH), regulating their respective intracellular levels (PubMed:16940157). Functions as a peroxisomal succinyl-coenzyme A thioesterase that can also hydrolyze glutaryl-CoA and long chain saturated acyl-CoAs (PubMed:16940157).

Cellular Location

Peroxisome.

Tissue Location

Strongest expression in liver and kidney and weaker expression in placenta, heart, and muscle

ACOT4 Antibody (N-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

ACOT4 Antibody (N-term) Blocking peptide - Images**ACOT4 Antibody (N-term) Blocking peptide - References**

Hunt, M.C., et al. FASEB J. 20(11):1855-1864(2006)Westin, M.A., et al. J. Biol. Chem. 280(46):38125-38132(2005)Hunt, M.C., et al. J. Lipid Res. 46(9):2029-2032(2005)Jones, J.M., et al. Biochem. Biophys. Res. Commun. 275(1):233-240(2000)Hunt, M.C., et al. J. Biol. Chem. 274(48):34317-34326(1999)