10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

ACAA1 Blocking Peptide
Catalog # PBV10222b

Specification

ACAA1 Blocking Peptide - Product Information

Primary Accession	Q921H8
Other Accession	AAH12400.1
Gene ID	113868
Calculated MW	43953

ACAA1 Blocking Peptide - Additional Information

Gene ID 113868

Application & Usage	**The peptide is used for blocking the antibody activity of ACAA1. It usually blocks the antibody activity completely in Western blot analysis by incubating the peptide with equal volume of antibody for 30-60 minutes at 37°C.**

Other Names
3-ketoacyl-CoA thiolase A, peroxisomal, 2.3.1.16, Acetyl-CoA acyltransferase A, Beta-ketothiolase A, Peroxisomal 3-oxoacyl-CoA thiolase A, Acaa1a, Acaa1

Target/Specificity
ACAA1

Formulation
50 µg (0.5 mg/ml) in phosphate buffered saline (PBS), pH 7.2, containing 50% glycerol, 1% BSA and 0.02% thimerosal.

Reconstitution & Storage
-20 °C

Background Descriptions

Precautions
ACAA1 Blocking Peptide is for research use only and not for use in diagnostic or therapeutic procedures.

ACAA1 Blocking Peptide - Protein Information

Name Acaa1a {ECO:0000312|MGI:MGI:2148491}

Synonyms Acaa1

Function

Responsible for the thiolytic cleavage of straight chain 3- keto fatty acyl-CoAs (3-oxoacyl-CoAs) (Probable). Plays an important role in fatty acid peroxisomal beta-oxidation (Probable). Catalyzes the cleavage of short, medium, long, and very long straight chain 3- oxoacyl-CoAs (By similarity).

Cellular Location
Peroxisome {ECO:0000250|UniProtKB:P09110}. Note=Transported into peroxisomes following association with PEX7 {ECO:0000250|UniProtKB:P09110}

Tissue Location
Mainly expressed in liver and intestine.

ACAA1 Blocking Peptide - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

ACAA1 Blocking Peptide - Images