

THEM5 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP17858C

Specification

THEM5 Antibody (Center) - Product Information

Application WB,E **Primary Accession 08N108** NP 872384.1 Other Accession Reactivity Human Host **Rabbit** Clonality **Polyclonal** Isotype Rabbit IgG Calculated MW 27677 Antigen Region 71-99

THEM5 Antibody (Center) - Additional Information

Gene ID 284486

Other Names

Acyl-coenzyme A thioesterase THEM5, Acyl-CoA thioesterase THEM5, Acyl-coenzyme A thioesterase 15, Thioesterase superfamily member 5, THEM5, ACOT15

Target/Specificity

This THEM5 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 71-99 amino acids from the Central region of human THEM5.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

THEM5 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

THEM5 Antibody (Center) - Protein Information

Name THEM5



Synonyms ACOT15

Function Has acyl-CoA thioesterase activity towards long-chain (C16 and C18) fatty acyl-CoA substrates, with a preference for linoleoyl-CoA and other unsaturated long-chain fatty acid-CoA esters (PubMed:22586271). Plays an important role in mitochondrial fatty acid metabolism, and in remodeling of the mitochondrial lipid cardiolipin (PubMed:22586271). Required for normal mitochondrial function (PubMed:22586271).

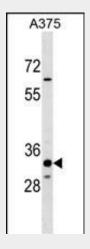
Cellular LocationMitochondrion matrix

THEM5 Antibody (Center) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

THEM5 Antibody (Center) - Images



THEM5 Antibody (Center) (Cat. #AP17858c) western blot analysis in A375 cell line lysates (35ug/lane). This demonstrates the THEM5 antibody detected the THEM5 protein (arrow).

THEM5 Antibody (Center) - Background

THEM5 is an enzyme with hydrolase activity.

THEM5 Antibody (Center) - References

Davila, S., et al. Genes Immun. 11(3):232-238(2010)