

Rabbit anti-Human ACOT13/THEM2 Polyclonal Antibody | anti-ACOT13/THEM2 antibody

Anti-ACOT13/THEM2 Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA258925	Rabbit	Human	Immunoprecipitation, ELISA, Western Blot

PRODUCT SYNONYMS

ACOT13/THEM2; Polyclonal Antibody; Anti-ACOT13/THEM2 Antibody; Rabbit Polyclonal; acyl-CoA thioesterase 13; Anti-ACOT13 Antibody; Anti-HT012 Antibody; Anti-PNAS-27 Antibody; Anti-THEM2 Antibody; anti-ACOT13/THEM2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human ACOT13/THEM2
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-ACOT13/THEM2 antibody	IP (Immunoprecipitation), ELISA, WB (Western Blot)
Immunogen	Recombinant Human ACOT13/THEM2 Protein
Preparation	Produced in rabbits immunized with purified, recombinant Human ACOT13/THEM2 (rh ACOT13/THEM2). ACOT13/THEM2 specific IgG was purified by Human ACOT13/THEM2 affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



IP (Immunoprecipitation)

THEM2 was immunoprecipitated using: Lane A: 0.5 mg A431 Whole Cell Lysate Lane B: 0.5 mg Jurkat Whole Cell Lysate Lane C: 0.5 mg MCF-7 Whole Cell Lysate 4 uL anti-THEM2 rabbit polyclonal antibody and 60 ug of Immunomagnetic beads Protein A/G. Primary antibody: Anti-THEM2 rabbit polyclonal antibody, at 1:100 dilution Secondary antibody: Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 15 kDa Observed band size :15 kDa



WB (Western Blot)

Anti-THEM2 rabbit polyclonal antibody at 1:500 dilution Lane A: Mouse liver tissue lysate Lane B: 293 Whole Cell Lysate Lysates/proteins at 30 ug per lane. Secondary Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 15 kDa Observed band size: 15 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-ACOT13/THEM2 antibody	The metabolites of fatty acyl-Coenzyme A (CoA) and metabolic enzymes contribute to lipid biosynthesis, signal transduction, and gene transcription. Members of the acyl-CoA thioesterase (Acot) gene family hydrolyze fatty acyl-CoAs, but their biological functions remain incompletely understood. Thioesterase superfamily member 2 (Them2; synonym Acot13) is enriched in oxidative tissues, associated with mitochondria, and relatively specific for long chain fatty acyl-CoA substrates. Using Them2(-/-) mice, we have demonstrated key roles for Them2 in regulating hepatic glucose and lipid metabolism. Members of the acyl-CoA thioesterase (Acot) gene family catalyze the hydrolysis of fatty acyl-CoAs, but their biological functions remain unknown. Thioesterase superfamily member 2 (Them2; synonym Acot13) is a broadly expressed mitochondria-associated Acot. Them2 was previously identified as an interacting protein of phosphatidylcholine transfer protein (PC-TP).
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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/acot13-them2-antibody-immunoprecipitation-western-blot-elisa/258925>