

DATASHEET

ACAA1 Rabbit Polyclonal Antibody

CAT. NO. APA13099

KEY FEATURES

Target	ACAA1	Source / Host	Rabbit
Reactivity	Human, Mouse, Rat	Clonality	Polyclonal
Applications	WB	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.	Storage	at-20°C

BACKGROUND

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

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:1000
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*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

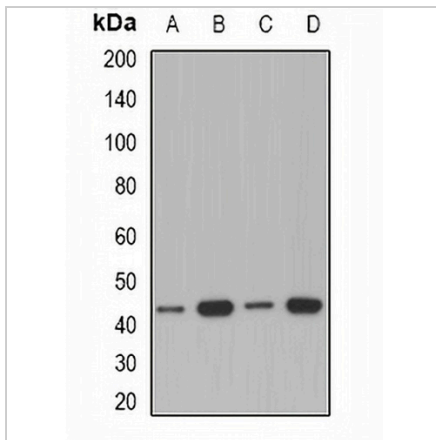
Description	Rabbit polyclonal antibody to ACAA1
Specificity	Recognizes endogenous levels of ACAA1 protein.
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human ACAA1
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 44 kD; Observed: 44 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	ACAA; PTHIO; 3-ketoacyl-CoA thiolase, peroxisomal; Acetyl-CoA acyltransferase; Beta-ketothiolase; Peroxisomal 3-oxoacyl-CoA thiolase
Gene Symbol	ACAA1
Entrez Gene	30(Human)
SwissProt	P09110(Human)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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DATA

Western blot analysis of ACAA1 expression in A549 (A), Jurkat (B), mouse kidney (C), rat liver (D) whole cell lysates. (Predicted band size: 44 kD; Observed band size: 44 kD)

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.