

Rabbit anti-Human ACAA1 Polyclonal Antibody | anti-ACAA1 antibody

Anti-ACAA1 Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA255793	Rabbit	Human	Immunoprecipitation, Immunofluorescence, Immunocytochemistry, Immunohistochemistry, ELISA, Western Blot

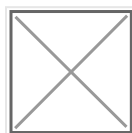
PRODUCT SYNONYMS

ACAA1; Polyclonal Antibody; Anti-ACAA1 Antibody; Rabbit Polyclonal; ACAA1/Peroxisomal 3-oxoacyl-CoA thiolase Antibody; Rabbit PAb; Antigen Affinity Purified; acetyl-CoA acyltransferase 1; Anti-ACAA Antibody; Anti-PTHIO Antibody; Anti-THIO Antibody; anti-ACAA1 antibody

PRODUCT SPECIFICATIONS

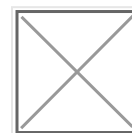
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human ACAA1/Peroxisomal 3-oxoacyl-CoA thiolase
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-ACAA1 antibody	IP (Immunoprecipitation), IF (Immunofluorescence), ICC (Immunocytochemistry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Immunogen	Recombinant Human ACAA1/Peroxisomal 3-oxoacyl-CoA thiolase Protein
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with purified, recombinant Human ACAA1/Peroxisomal 3-oxoacyl-CoA thiolase (rh ACAA1/Peroxisomal 3-oxoacyl-CoA thiolase). ACAA1/Peroxisomal 3-oxoacyl-CoA thiolase specific IgG was purified by Human ACAA1/Peroxisomal 3-oxoacyl-CoA thiolase 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)

ACAA1 was immunoprecipitated using: Lane A: 0.5 mg HepG2 Whole Cell Lysate, 4 uL anti-ACAA1 rabbit polyclonal antibody and 15 uL of 50 % Protein G agarose. Primary antibody: Anti-ACAA1 rabbit polyclonal antibody, at 1:100 dilution. Secondary antibody: Dylight 800-labeled antibody to rabbit IgG (H+L), at 1:5000 dilution. Developed using the Odyssey technique. Performed under reducing conditions. Predicted band size: 44 kDa. Observed band size: 44 kDa.



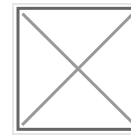
IF (Immunofluorescence)

Immunofluorescence staining of ACAA1 in HeLa cells. Cells were fixed with 4% PFA, permeabilized with 0.3% Triton X-100 in PBS, blocked with 10% serum, and incubated with rabbit anti-human ACAA1 polyclonal antibody (1:1000) at 4 degree C overnight. Then cells were stained with the Alexa Fluor 488-conjugated Goat Anti-rabbit IgG secondary antibody (green) and counterstained with DAPI (blue). Positive staining was localized to cytoplasm and nucleus.



IHC (Immunohistochemistry)

Immunochemical staining of human ACAA1 in human liver with rabbit polyclonal antibody (1:5000, formalin-fixed paraffin embedded sections).



WB (Western Blot)

Anti-ACAA1 rabbit polyclonal antibody at 1:500 dilution Lane A: HepG2 Whole Cell Lysate Lysates/proteins at 30 ug per lane. Secondary Goat Anti- Rabbit IgG H&L (Dylight 800) at 1/10000 dilution. Developed using the Odyssey technique. Performed under reducing conditions. Predicted band size: 44 kDa Observed band size: 44 kDa

NCBI AND UNIPROT INFORMATION

NCBI GI #	4501853
NCBI GeneID	30
NCBI Accession #	NP_001598.1
NCBI GenBank Nucleotide #	NM_001607.3
UniProt Accession #	P09110; Q96CA6; G5E935
Molecular Weight	34,665 Da
NCBI Official Full Name	3-ketoacyl-CoA thiolase, peroxisomal isoform a
NCBI Official Synonym Full Names	acetyl-CoA acyltransferase 1
NCBI Official Symbol	ACAA1
NCBI Official Synonym Symbols	ACAA; THIO; PTHIO
NCBI Protein Information	3-ketoacyl-CoA thiolase, peroxisomal
UniProt Protein Name	3-ketoacyl-CoA thiolase, peroxisomal
UniProt Gene Name	ACAA1
UniProt Synonym Gene Names	ACAA; PTHIO

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/acaa1-antibody-immunoprecipitation-immunofluorescence-immunocytochemistry-immunohistochemistry-western-blot-elisa/255793>