

Rabbit ACAA2 Polyclonal Antibody | anti-ACAA2 antibody

ACAA2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA233678	Rabbit	Human, Mouse, Rat	Immunoprecipitation, Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

ACAA2; Polyclonal Antibody; ACAA2 Antibody; 3 ketoacyl CoA thiolase antibody; 3 ketoacyl CoA thiolase mitochondrial antibody; 3-ketoacyl-CoA thiolase; mitochondrial antibody; 3-oxoacyl-CoA thiolase; ACAA 2 antibody; Acaa2 antibody; Acetyl CoA acyltransferase 2 antibody; Acetyl CoA acyltransferase antibody; Acetyl Coenzyme A acyltransferase 2 antibody; Acetyl-CoA acyltransferase antibody; Beta ketothiolase antibody; Beta-ketothiolase antibody; DSAEC antibody; Mitochondrial 3 oxoacyl CoA thiolase antibody; Mitochondrial 3 oxoacyl Coenzyme A thiolase antibody; Mitochondrial 3-oxoacyl-CoA thiolase antibody; T1 antibody; THIM_HUMAN antibody; anti-ACAA2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	397
Applicable Applications for anti-ACAA2 antibody	IP (Immunoprecipitation), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant Human 3-ketoacyl-CoA thiolase, mitochondrial protein (188-257AA)
Immunogen Species	Homo sapiens (Human)
Research Area	Tags & Cell Markers
Target Names	ACAA2
Conjugation	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IP (Immunoprecipitation)

Immunoprecipitating ACAA2 in A549 whole cell lysate
Lane 1: Rabbit control IgG (1ug) instead of AAA233678 in A549 whole cell lysate. For western blotting, a HRP-conjugated Protein G antibody was used as the secondary antibody (1/2000)
Lane 2: AAA233678 (6ug)+ A549 whole cell lysate (500ug)
Lane 3: A549 whole cell lysate (10ug)



IHC (Immunohistochemistry)

Immunofluorescent analysis of HepG2 cells using AAA233678 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



IHC (Immunohistochemistry)

IHC image of AAA233678 diluted at 1:700 and staining in paraffin-embedded human kidney tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



WB (Western Blot)

Western BlotPositive WB detected in: Hela whole cell lysate, A549 whole cell lysate, NIH/3T3 whole cell lysate, HepG2 whole cell lysate, Rat lung tissue, Mouse liver tissue, Mouse lung tissueAll lanes: ACAA2 antibody at 2.4ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 42 KDaObserved band size: 42 KDa

ADDITIONAL INFORMATION

Related Product Information for anti-ACAA2 antibody	Abolishes BNIP3-mediated apoptosis and mitochondrial damage.
Product Categories/Family for anti-ACAA2 antibody	Cardiovascular ; Tags & Cell Markers ; Metabolism ; Signal transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	167614485
NCBI GeneID	10449
NCBI Accession #	NP_006102.2
NCBI GenBank Nucleotide #	NM_006111.2
UniProt Accession #	P42765; Q9BUT6
NCBI Official Full Name	3-ketoacyl-CoA thiolase, mitochondrial
NCBI Official Synonym Full Names	acetyl-CoA acyltransferase 2
NCBI Official Symbol	ACAA2
NCBI Official Synonym Symbols	DSAEC
NCBI Protein Information	3-ketoacyl-CoA thiolase, mitochondrial
UniProt Protein Name	3-ketoacyl-CoA thiolase, mitochondrial
UniProt Gene Name	ACAA2

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/acaa2-antibody-immunoprecipitation-immunofluorescence-immunohistochemistry-western-blot-elisa/233678>