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

IHC (Immunohiostchemistry)
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.

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