

Rabbit ACAA1 Polyclonal Antibody | anti-ACAA1 antibody

ACAA1 Antibody

CATALOG # AAA323169	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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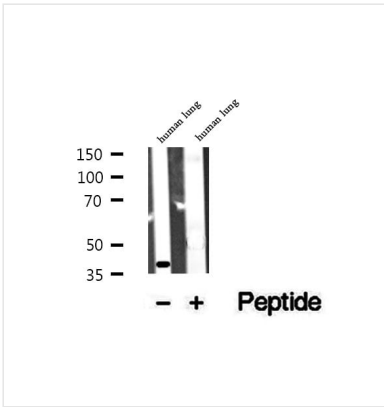
PRODUCT SYNONYMS

ACAA1; Polyclonal Antibody; ACAA1 Antibody; 3 ketoacyl CoA thiolase peroxisomal; 3-ketoacyl-CoA thiolase; ACAA; Acetyl CoA acyltransferase 1; Acetyl Coenzyme A acyltransferase 1; Acetyl-CoA acyltransferase; Acetyl-Coenzyme A acyltransferase 1 (peroxisomal 3 oxoacyl Coenzyme A; Beta ketothiolase; Beta-ketothiolase; Peroxisomal 3 oxoacyl CoA thiolase; Peroxisomal 3 oxoacyl Coenzyme A thiolase; Peroxisomal 3-oxoacyl-CoA thiolase; peroxisomal; PTHIO; THIK_HUMAN; THIO; anti-ACAA1 antibody

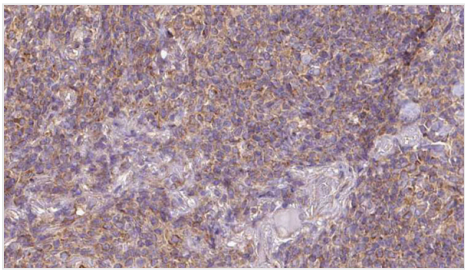
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	ACAA1 antibody detects endogenous levels of ACAA1.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	331
Applicable Applications for anti-ACAA1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human ACAA1.
Subcellular Location	Peroxisome.
Tissue Specificity	Peroxisomal thiolase is markedly induced (at the level of transcription) by various hypolipidemic compounds in parallel with the other two enzymes of the peroxisomal beta-oxidation system.
Predicted Cross Reactivity	Pig, Zebrafish, Bovine, Horse, Sheep, Rabbit, Dog, Chicken, Xenopus
Similarity	Pig (100%), Zebrafish (92%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (100%), Chicken (100%), Xenopus (83%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

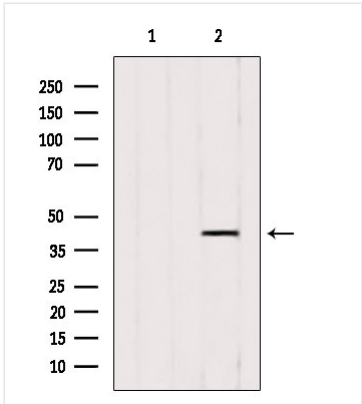
IMAGES



WB (Western Blot)
Western blot analysis of extracts of human lung tissue, using ACAA1 antibody.



IHC (Immunohistochemistry)
AAA323169 at 1/100 staining Human lymph cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)
Western blot analysis of extracts from 3T3, using ACAA1 antibody. Lane 1 was treated with the blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-ACAA1 antibody	Function: Acyl-CoA + acetyl-CoA = CoA + 3-oxoacyl-CoA. Subunit Structure: Homodimer. Similarity: Belongs to the thiolase family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	194353979
NCBI GeneID	30
NCBI Accession #	NP_001123882.1
NCBI GenBank Nucleotide #	NM_001130410.1
UniProt Accession #	P09110; Q96CA6; G5E935
Molecular Weight	Observed: 41 kDa Predicted: 45 kDa
NCBI Official Full Name	3-ketoacyl-CoA thiolase, peroxisomal isoform b
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://www.aaabiotech.com/polyclonal/acaa1-antibody-immunohistochemistry-western-blot-elisa/323169>