

Datasheet for ABIN7142316
anti-ACAA2 antibody (AA 188-257)



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4 Images

Overview

Quantity:	100 µg
Target:	ACAA2
Binding Specificity:	AA 188-257
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ACAA2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunofluorescence (IF), Immunoprecipitation (IP)

Product Details

Immunogen:	Recombinant Human 3-ketoacyl-CoA thiolase, mitochondrial protein (188-257AA)
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	>95%, Protein G purified

Target Details

Target:	ACAA2
Alternative Name:	ACAA2 (ACAA2 Products)
Background:	Background: Abolishes BNIP3-mediated apoptosis and mitochondrial damage.

Target Details

Aliases: 3 ketoacyl CoA thiolase antibody, 3 ketoacyl CoA thiolase mitochondrial antibody, 3-ketoacyl-CoA thiolase, mitochondrial antibody, 3-oxoacyl-CoA thiolase, mitochondrial antibody, 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

UniProt: [P42765](#)

Pathways: [Monocarboxylic Acid Catabolic Process](#)

Application Details

Application Notes: Recommended dilution: WB:1:1000-1:5000, IHC:1:500-1:1000, IF:1:50-1:500, IP:1:200-1:2000,

Restrictions: For Research Use only

Handling

Format: Liquid

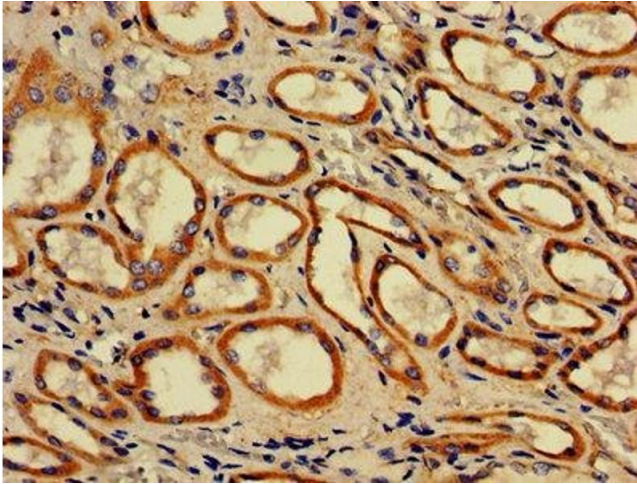
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

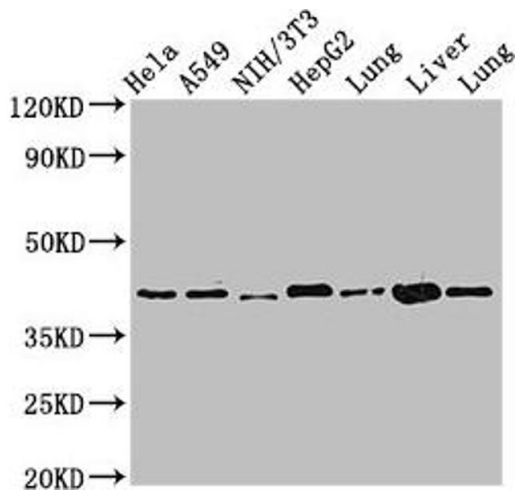
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



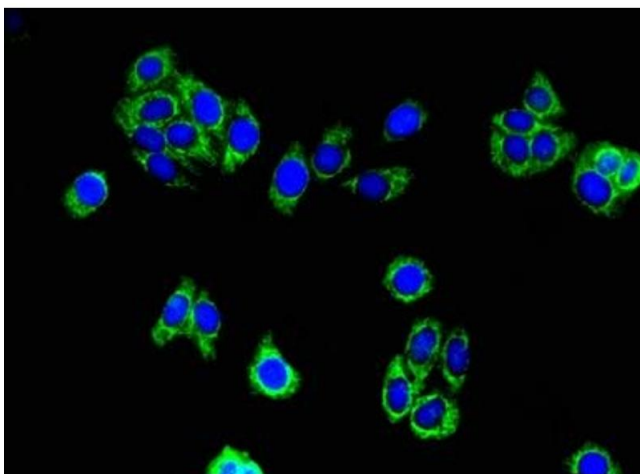
Immunohistochemistry

Image 1. IHC image of ABIN7142316 diluted at 1:700 and staining in paraffin-embedded human kidney tissue performed on a Leica Bond™ 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°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



Western Blotting

Image 2. Western Blot Positive 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 tissue All lanes: ACAA2 antibody at 2.4 µg/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 42 kDa Observed band size: 42 kDa



Immunofluorescence

Image 3. Immunofluorescent analysis of HepG2 cells using ABIN7142316 at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7142316.