

Datasheet for ABIN7299032

anti-Acetyl-CoA Carboxylase alpha antibody (N-Term)[Go to Product page](#)**2** Images

Overview

Quantity:	100 µL
Target:	Acetyl-CoA Carboxylase alpha (ACACA)
Binding Specificity:	N-Term
Reactivity:	Human, Rat, Mouse, Cow, Sheep, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Acetyl-CoA Carboxylase alpha antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human ACC alpha.
Specificity:	Recognizes endogenous levels of ACC alpha protein.
Characteristics:	Rabbit polyclonal antibody to ACC alpha
Purification:	The antibody was purified by immunogen affinity chromatography.

Target Details

Target:	Acetyl-CoA Carboxylase alpha (ACACA)
Alternative Name:	ACC alpha (ACACA Products)
Background:	ACAC, ACC1, ACCA, Acetyl-CoA carboxylase 1, ACC1, ACC-alpha

Target Details

Gene ID:	31, 107476, 60581
UniProt:	Q13085 , Q5SWU9 , P11497
Pathways:	AMPK Signaling , Ribonucleoside Biosynthetic Process , Warburg Effect

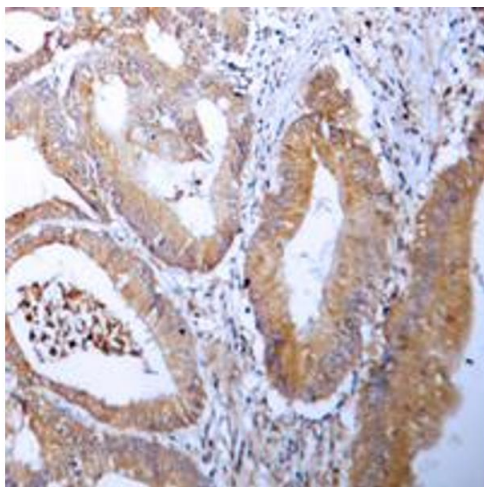
Application Details

Application Notes:	WB (1:500 - 1:1000), IH (1:100 - 1:200)
Restrictions:	For Research Use only

Handling

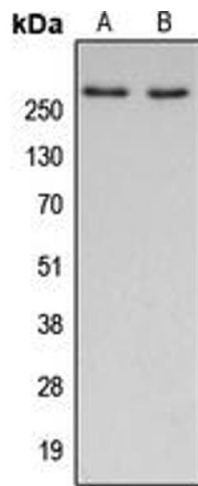
Format:	Liquid
Buffer:	Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.
Expiry Date:	12 months

Images



Immunohistochemistry

Image 1. Immunohistochemical analysis of ACC alpha staining in human colon cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Western Blotting

Image 2. Western blot analysis of ACC alpha expression in HepG2 (A), NIH3T3 (B) whole cell lysates.