



Datasheet for ABIN6259711

## anti-Acetyl-CoA Carboxylase beta antibody (N-Term)



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### 1 Image

#### Overview

Quantity:	100 µL
Target:	Acetyl-CoA Carboxylase beta (ACACB)
Binding Specificity:	N-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Acetyl-CoA Carboxylase beta antibody is un-conjugated
Application:	ELISA, Western Blotting (WB)

#### Product Details

Immunogen:	A synthesized peptide derived from human ACACB, corresponding to a region within N-terminal amino acids.
Isotype:	IgG
Specificity:	ACACB Antibody detects endogenous levels of total ACACB.
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

#### Target Details

Target:	Acetyl-CoA Carboxylase beta (ACACB)
Alternative Name:	ACACB ( <a href="#">ACACB Products</a> )

## Target Details

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Background:	Description: Catalyzes the ATP-dependent carboxylation of acetyl-CoA to malonyl-CoA. Carries out three functions: biotin carboxyl carrier protein, biotin carboxylase and carboxyltransferase. Involved in inhibition of fatty acid and glucose oxidation and enhancement of fat storage (By similarity). May play a role in regulation of mitochondrial fatty acid oxidation through malonyl-CoA-dependent inhibition of carnitine palmitoyltransferase 1 (By similarity). Gene: ACACB
Molecular Weight:	276 kDa
Gene ID:	32
UniProt:	<a href="#">O00763</a>
Pathways:	<a href="#">AMPK Signaling</a> , <a href="#">Ribonucleoside Biosynthetic Process</a>

## Application Details

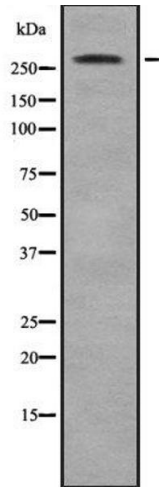
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Application Notes:	WB 1:1000-3000, ELISA(peptide) 1:20000-1:40000
Restrictions:	For Research Use only

## Handling

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Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
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:	Store at -20 °C. Stable for 12 months from date of receipt.
Expiry Date:	12 months



### Western Blotting

**Image 1.** Western blot analysis of ACACB using MCF7 whole lysates.