

[Go to Product page](#)

Datasheet for ABIN1700093

anti-Acetyl-CoA Carboxylase beta antibody (pSer220) (Biotin)

Overview

Quantity:	100 µL
Target:	Acetyl-CoA Carboxylase beta (ACACB)
Binding Specificity:	pSer220
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Acetyl-CoA Carboxylase beta antibody is conjugated to Biotin
Application:	ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic phosphopeptide derived from human Acetyl Coenzyme A Carboxylase beta around the phosphorylation site of Ser220
Isotype:	IgG
Predicted Reactivity:	Human
Purification:	Purified by Protein A.

Target Details

Target:	Acetyl-CoA Carboxylase beta (ACACB)
Alternative Name:	Acetyl Coenzyme A Carboxylase beta (ACACB Products)

Target Details

Background:	<p>Synonyms: Acetyl Coenzyme A Carboxylase beta phospho S220, Acetyl Coenzyme A Carboxylase beta phospho Ser2210 p-Acetyl Coenzyme A Carboxylase beta phospho S220, ACACB_HUMAN</p> <p>Background: Acetyl-CoA carboxylase (ACC) is a complex multifunctional enzyme system. ACC is a biotin-containing enzyme which catalyzes the carboxylation of acetyl-CoA to malonyl-CoA, the rate-limiting step in fatty acid synthesis. There are two ACC forms, alpha and beta, encoded by two different genes. ACC-alpha is highly enriched in lipogenic tissues. The enzyme is under long term control at the transcriptional and translational levels and under short term regulation by the phosphorylation/dephosphorylation of targeted serine residues and by allosteric transformation by citrate or palmitoyl-CoA. Multiple alternatively spliced transcript variants divergent in the 5' sequence and encoding distinct isoforms have been found for this gene. [provided by RefSeq, Jul 2008].</p>
UniProt:	O00763
Pathways:	AMPK Signaling , Ribonucleoside Biosynthetic Process

Application Details

Application Notes:	IHC-P 1:200-400 IHC-F 1:100-500
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
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
Storage Comment:	Store at -20°C for 12 months.
Expiry Date:	12 months