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anti-Acetyl-CoA Carboxylase beta antibody (pSer220) (AbBy Fluor® 680)



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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 AbBy Fluor® 680
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))
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

Storage Comment:

rarget Details	
Background:	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 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].
UniProt:	000763
Pathways:	AMPK Signaling, Ribonucleoside Biosynthetic Process
Application Details	
Application Notes:	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200
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

Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

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Expiry Date:

12 months