

Datasheet for ABIN1692826

anti-Acetyl-CoA Carboxylase beta antibody (pSer220) (Alexa Fluor 350)[Go to Product page](#)

Overview

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|----------------------|---|
| 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 Alexa Fluor 350 |
| Application: | Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunofluorescence (Cultured Cells) (IF (cc)) |

Product Details

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| 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

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

Target Details

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| 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

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| 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

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|--------------------|--|
| 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. Aliquot into multiple vials to avoid repeated freeze-thaw cycles. |

Handling

Expiry Date: 12 months