

Datasheet for ABIN190803

anti-Acetyl-CoA Carboxylase beta antibody (Internal Region)[Go to Product page](#)**1** Image

Overview

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|----------------------|--|
| Quantity: | 100 µg |
| Target: | Acetyl-CoA Carboxylase beta (ACACB) |
| Binding Specificity: | Internal Region |
| Reactivity: | Human |
| Host: | Goat |
| Clonality: | Polyclonal |
| Conjugate: | This Acetyl-CoA Carboxylase beta antibody is un-conjugated |
| Application: | ELISA |

Product Details

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|-------------------|---|
| Purpose: | ACACB |
| Immunogen: | Peptide with sequence C-QLGEPDLSDKDRKD, from the internal region of the protein sequence according to NP_001084.2. |
| Sequence: | QLGEPDLSDK DRKD |
| Isotype: | IgG |
| Cross-Reactivity: | Human |
| Purification: | Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. |
| Grade: | Recent |

Target Details

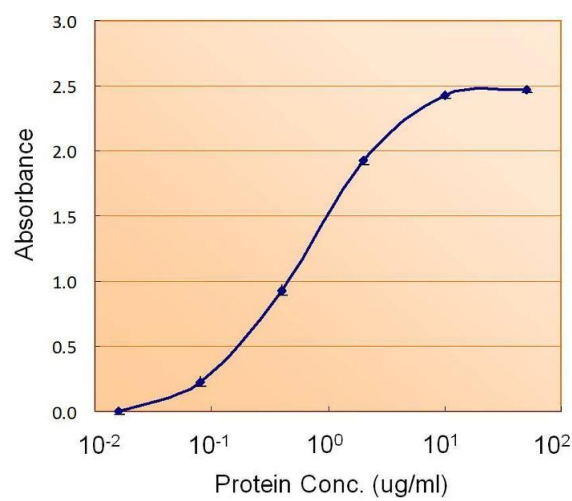
| | |
|-------------------|--|
| Target: | Acetyl-CoA Carboxylase beta (ACACB) |
| Alternative Name: | ACACB (ACACB Products) |
| Background: | ACACB, acetyl-Coenzyme A carboxylase beta , ACCB, HACC275 , acetyl-CoA carboxylase 2 |
| Gene ID: | 32 |
| NCBI Accession: | NP_001084 |
| Pathways: | AMPK Signaling , Ribonucleoside Biosynthetic Process |

Application Details

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|--------------------|---|
| Application Notes: | Western Blot: Preliminary experiments gave an approx 28 kDa band in Human Heart lysates after 0.5 µg/mL antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 277kD Peptide ELISA: antibody detection limit dilution 1:32000. |
| Restrictions: | For Research Use only |

Handling

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|--------------------|--|
| Format: | Liquid |
| Concentration: | 0.5 mg/mL |
| Buffer: | Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Handling Advice: | Minimize freezing and thawing. |
| Storage: | -20 °C |
| Storage Comment: | Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable. |



Enzyme Immunoassay

Image 1. ABIN190803 (1.5ug/ml) as the reporter with as the capture rabbit antibody (5ug/ml).