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**Research Use Only. Not for
diagnostic or therapeutic use.**

EB07748 - Goat Anti-ACACB Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: ACACB, acetyl-Coenzyme A carboxylase beta, ACCB, HACC275, acetyl-CoA carboxylase 2

Official Symbol: ACACB

Accession Number(s): NP_001084.2

Human GeneID(s): [32](#)

Immunogen

Peptide with sequence C-QLGEPDLSKDRKD, from the internal region of the protein sequence according to NP_001084.2.

Please note the [peptide](#) is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:32000.

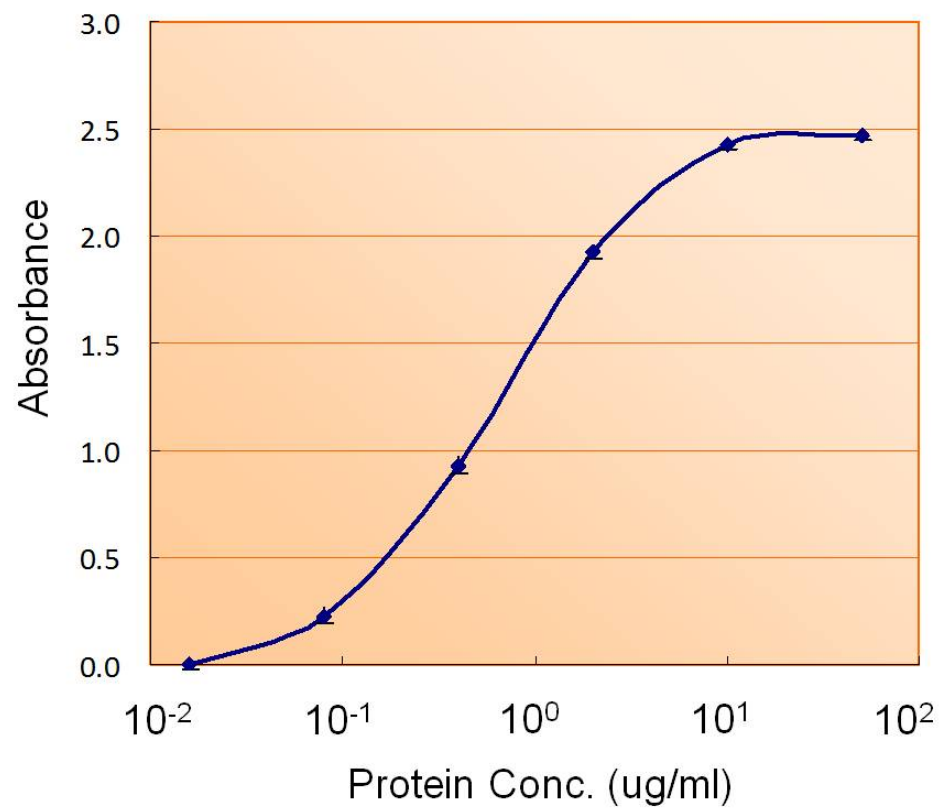
Western blot: Preliminary experiments gave an approx 28kDa band in Human Heart lysates after 0.5µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 277kDa according to NP_001084.2. The 28kDa band was successfully blocked by incubation with the immunizing peptide. We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates? Have any further splice variants/modified forms been reported?

Enzyme immunoassay: Sandwich-type ELISA with increasing amount of recombinant ACACB captured by a rabbit antibody. Recommended reporter concentration: 1-2ug/ml

Species Reactivity

Tested: Human

Expected from sequence similarity: Human



EB07748 (1.5ug/ml) as the reporter with EB002020 as the capture rabbit antibody (5ug/ml).