

## Goat anti-ACACB Antibody

Item Number	dAP-1078
Target Molecule	Principle Name: ACACB; Official Symbol: ACACB; All Names and Symbols: ACACB; acetyl-Coenzyme A carboxylase beta ; ACCB; HACC275 ; acetyl-CoA carboxylase 2; Accession Number (s): NP_001084.2; Human Gene ID(s): 32; Non-Human GenelD(s):
Immunogen	QLGEPDLSDKDRKD, is from internal region
Applications	Pep ELISA, EIA Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	Lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 32000.
Western Blot	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 277kD
IHC	
Reference	Reference(s): Reznick RM, Zong H, Li J, Morino K, Moore IK, Yu HJ, Liu ZX, Dong J, Mustard KJ, Hawley SA, Befroy D, Pypaert M, Hardie DG, Young LH, Shulman GI. Aging-Associated Reductions in AMP-Activated Protein Kinase Activity and Mitochondrial Biogenesis. <i>Cell Metab.</i> 2007 Feb;5(2):151-6. .PMID: 17322000

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**