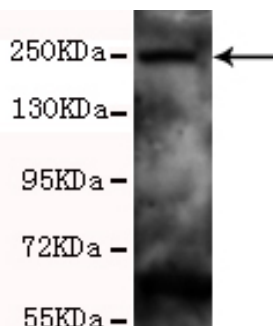




ACACA Antibody

E230012

Catalog Number	E230012-1, E230012-2
Amount	50µg/50µl, 100µg/100µl
Description	Rabbit polyclonal IgG to ACACA
GeneBank ID	NM_198834.1
Immunogen	Synthetic peptide corresponding to the C-terminus of human ACACA.
Reacts with	Hu
Tested applications	Recommended dilutions. ELISA: 1/5000 - 1/20000. WB: 1/5000 - 1/10000.
Cellular localization	Cytoplasmic
Relevance	In cells, excess of metabolic fuel is converted into fatty acids in cytosol and oxidized later in mitochondria to generate ATP and acetyl CoA. In fatty acid synthesis, catalytic formation of malonyl CoA (precursor for long chain fatty acyl CoA, LCFA CoA) from acetyl CoA by Acetyl CoA carboxylase (ACC1) is the rate limiting step. Activities of ACC1 and 2 are regulated by their phosphorylation by 5' AMP activated protein kinase (AMPK).
Purity	Protein G-Sepharose affinity purified.
Storage buffer	Preservative: 0.02% Sodium Azide and 50% glycerol, 1%BSA, PBS, pH7.4.
Form	Liquid
Storage instructions	Aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.



ACACA antibody (E230012) at 1/10000 dilution interacts with A549 whole cell lysate 40ug/Lane.
Predicted band size: 266kDa. Observed band size: 266kDa. Additional band size: 60kDa.

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