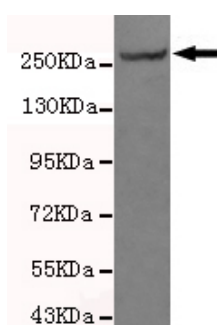




ACACA Antibody

E220115

Catalog Number	E220115-1, E220115-2
Amount	50µg/50µl, 100µg/100µl
Description	Mouse monoclonal IgG to ACACA
GeneBank ID	NM_198834.1
Immunogen	A Synthetic peptide of human ACACA (N-terminus).
Reacts with	Human
Tested applications	Recommended dilutions. ELISA: 1/5000 - 1/20000. WB: 1/100-1/2000.
Cellular localization	Cytoplasm
Relevance	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.
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 (E220115) at 1/1000 dilution interacts with A549 whole cell lysate 40ug/lane. Predicted band size: 266KDa. Observed band size: 266KDa.

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