

CABP1410

Product Information

Product SKU: CABP1410	Gene ID: 31/32	Size: 20uL, 100uL
Clone No: -	Host Species: Rabbit	Reactivity: Mouse

Additional Information

Observed MW: 280kDa	Conjugate: Unconjugated
Calculated MW: 265kDa	Isotype: IgG

Immunogen Information

Background: 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. Multiple alternatively spliced transcript variants divergent in the 5' sequence and encoding distinct isoforms have been found for this gene.

Recommended Dilution: WB, 1:500 - 1:2000

Synonyms: ACC; ACAC; ACC1; ACCA; Acac1; hACC1; ACACAD; ACCalpha; ACACalpha; Phospho-Acetyl CoA Carboxylase-S79

Purification Method: Affinity purification

Immunogen: A synthetic phosphorylated peptide around S79 of human Acetyl CoA Carboxylase.

Storage: Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.05% proclin300, 50% glycerol, pH7.3.