Acetyl Coenzyme A carboxylase alpha Rabbit pAb

db22498 **Package : 20μL 50μL 100μL**

Product Name : Acetyl Coenzyme A carboxylase alpha Rabbit pAb
Cat.No.: db22498
Synonyms : ACC; ACAC; ACC1; ACCA; ACACAD
Application : WB, IHC, ICC/IF, FC, IP
Reactivity : Human, Mouse, Rat
Host species : Rabbit

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. [provided by RefSeq, Jul 2008]
Immunogen	Recombinant protein of human Acetyl Coenzyme A carboxylase alpha
Gene ID	31, 107476, 60581
Swiss Prot	Q13085, Q5SWU9, P11497
Synonyms	ACC; ACAC; ACC1; ACCA; ACACAD
Reactivity	Human, Mouse, Rat
Application	WB, IHC, ICC/IF, FC, IP
Recommended dilution	WB: 1:1000 IHC: 1:200 ICC/IF: 1:50 FC: 1:200 IP: 1:20
Calculated MW	277 kDa
Observed MW	277 kDa
Host species	Rabbit

Clonality	Polyclonal
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.