

Acetyl Coenzyme A Carboxylase Rabbit pAb

db2043

Package : 20µL 50µL 100µL

Product Name : Acetyl Coenzyme A Carboxylase Rabbit pAb**Cat.No.:** db2043**Synonyms** : ACC2; ACCB; HACC275**Application** : WB, IHC**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. ACC-beta is thought to control fatty acid oxidation by means of the ability of malonyl-CoA to inhibit carnitine-palmitoyl-CoA transferase I, the rate-limiting step in fatty acid uptake and oxidation by mitochondria. ACC-beta may be involved in the regulation of fatty acid oxidation, rather than fatty acid biosynthesis. There is evidence for the presence of two ACC-beta isoforms. [provided by RefSeq, Jul 2008]

Immunogen

A synthetic peptide of human Acetyl Coenzyme A Carboxylase

Gene ID

32

Swiss Prot

O00763

Synonyms

ACC2; ACCB; HACC275

Reactivity

Human, Mouse, Rat

Application

WB, IHC

Recommended dilutionWB: 1:1000
IHC: 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.