

ACACB Rabbit Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP00197
Host	Rabbit
Isotype	IgG
Size	100ul, 50ul, 20ul
Immunogen	Synthesized peptide derived from human ACACB
Mol wt	270380
Species reactivity	Human, Rat, Mouse
Clonality	Polyclonal
Recommended application	WB
Concentration	1 mg/ml
Full name	ACACB
Synonyms	ACACB

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

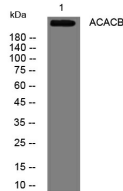
Acetyl-CoA carboxylase (ACC) is a complex multifunctional enzyme system. ACC is a biotin-containing enzyme which catalyzes the carboxylation of acetyl-CoA to malonyl-CoA, the rate-limiting step in fatty acid synthesis. ACC-beta is thought to control fatty acid oxidation by means of the ability of malonyl-CoA 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.

Recommended Dilution

WB: 1: 500 - 1: 2000

Not yet tested in other applications.

Images



Western blot analysis of lysates from U2OS cells, primary antibody was diluted at 1:1000, 4°C overnight

Storage

-20°C for 1 year