Product Datasheet

ACACB Antibody

Catalog No: #45192

Package Size: #45192-1 50ul #45192-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

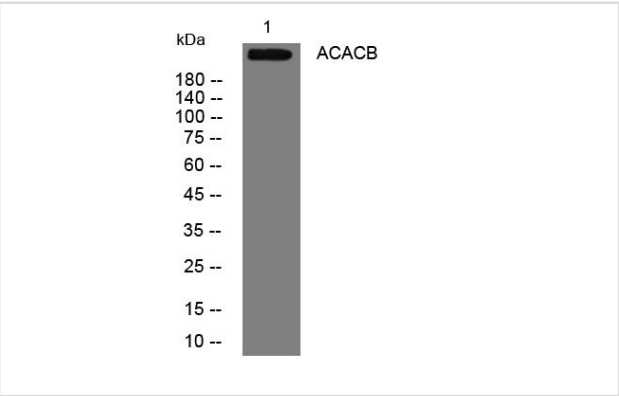
Description

Product Name	ACACB Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antiserum was purified by peptide affinity chromatography using SulfoLinkβ ’ Coupling Resin
Applications	WB
Species Reactivity	Hu Ms
Specificity	ACACB Antibody detects endogenous levels of total ACACB
Immunogen Type	Peptide
Immunogen Description	A synthesized peptide derived from human ACACB
Target Name	ACACB
Other Names	ACACB, ACCB, ACC-beta, ACC2, Acetyl-CoA carboxylase 2, Acetyl-CoA carboxylase beta, HACC275
Accession No.	Swiss-Prot#: O00763NCBI Gene ID:32
Uniprot	O00763
GeneID	32;
Calculated MW	270kD
Concentration	1.0mg/mL
Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

WB 1o‘O 500-2000

Images



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

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],

Note: This product is for in vitro research use only