

Acetyl CoA Carboxylase Antibody

Catalog No: #21583

Package Size: #21583-1 50ul #21583-2 100ul

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

Description

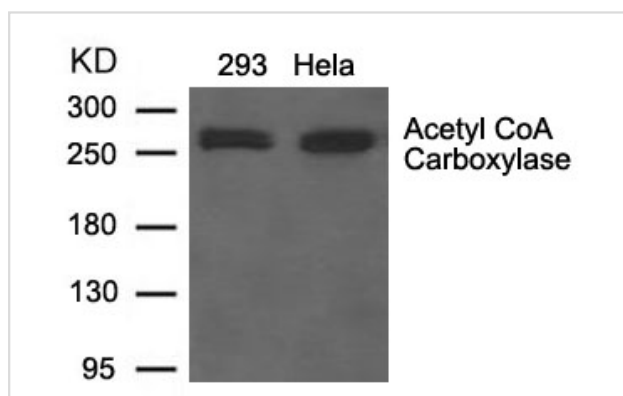
Product Name	Acetyl CoA Carboxylase Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.
Applications	WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total Acetyl CoA Carboxylase protein.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around aa.78-82(S-M-S-G-L) derived from Human Acetyl CoA Carboxylase.
Target Name	Acetyl-CoA Carboxylase
Other Names	ACC; ACAC; ACC1; ACCA; ACACAD
Accession No.	Swiss-Prot: Q13085NCBI Protein: NP_942131.1
Uniprot	Q13085
GeneID	31;
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.

Application Details

Predicted MW: 265kd

Western blotting: 1:500~1:1000

Images



Western blot analysis of extracts from 293 and HeLa cells using Acetyl CoA Carboxylase Antibody #21583.

Background

Catalyzes the rate-limiting reaction in the biogenesis of long-chain fatty acids. Carries out three functions: biotin carboxyl carrier protein, biotin carboxylase and carboxyltransferase.

Colbert C.L., Kim C.W., Moon Y.A., Henry L. Proc. Natl. Acad. Sci. U.S.A. 107:18820-18825(2010)

Moreau K., Dizin E., Ray H., Luquain C., Lefai E. J. Biol. Chem. 281:3172-3181(2006)

Note: This product is for in vitro research use only