

Anti-Phospho-Acetyl CoA carboxylase 1 (Ser80) Antibody (6D97)

Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat
Conjugation:	Unconjugated
Clone:	6D97
Purification:	Affinity-chromatography

Applications

Verified Activity:	Western blot analysis of Phospho-ACC(S79) expression in (1) A431 cell lysate; (2) A431 cell treated with lambda phosphatase lysate.
Application:	WB
Recommended	WB: 1:1000-1:2000

Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	A synthesized peptide: human Acetyl CoA carboxylase 1 around the phosphorylation site of S79 ACACB;Acetyl CoA carboxylase 2;ACC alpha;ACC beta;ACAC;p-Acetyl CoA carboxylase 1
Synonyms:	(Ser80);ACACA;ACCB;COA2;Acetyl CoA carboxylase 1 (p-Ser80);Acetyl CoA carboxylase 1 (p-S80);ACC1;p-Acetyl CoA carboxylase 1 (S80);Acetyl CoA carboxylase 1;ACC;ACCA;COA1;ACC2

Research Background

Cytosolic enzyme that catalyzes the carboxylation of acetyl-CoA to malonyl-CoA, the first and rate-limiting step of de novo fatty acid biosynthesis. This is a 2 steps reaction starting with the ATP-dependent carboxylation of the biotin carried by the biotin carboxyl carrier (BCC) domain followed by the transfer of the carboxyl group from carboxylated biotin to acetyl-CoA.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only. Not for Human or Veterinary or Therapeutic Use

Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481