

Product datasheet for **TA325204**

ACAT1 (ACACA) Rabbit Polyclonal Antibody

Product data:

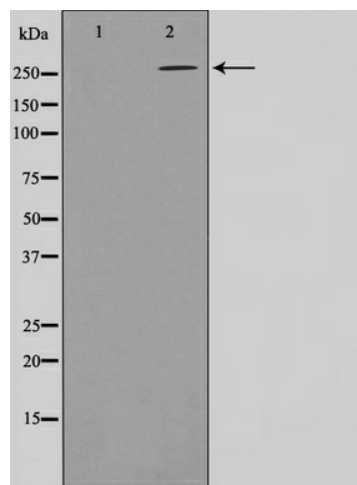
Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 1:500-1:2000; IHC: 1:50-1:200
Reactivity:	Human, Mouse, Rat
Modifications:	Phospho-specific
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The antiserum was produced against A synthesized peptide derived from human ACC1 around the phosphorylation site of Serine 80
Formulation:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration:	lot specific
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific peptide.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	280 kDa
Gene Name:	acetyl-CoA carboxylase alpha
Database Link:	NP_942131 Entrez Gene 60581 Rat Entrez Gene 107476 Mouse Entrez Gene 31 Human Q13085
Background:	ACC1 a subunit of acetyl-CoA carboxylase (ACC), a multifunctional enzyme system. Catalyzes the carboxylation of acetyl-CoA to malonyl-CoA, the rate-limiting step in fatty acid synthesis.
Synonyms:	ACAC; ACACAD; ACC; ACC1; ACCA
Protein Families:	Druggable Genome



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Protein Pathways: Fatty acid biosynthesis, Insulin signaling pathway, Metabolic pathways, Propanoate metabolism, Pyruvate metabolism

Product images:



Western blot analysis of ACC1 phosphorylation expression in Insulin treated K562 whole cell lysates, The lane on the left is treated with the antigen-specific peptide.