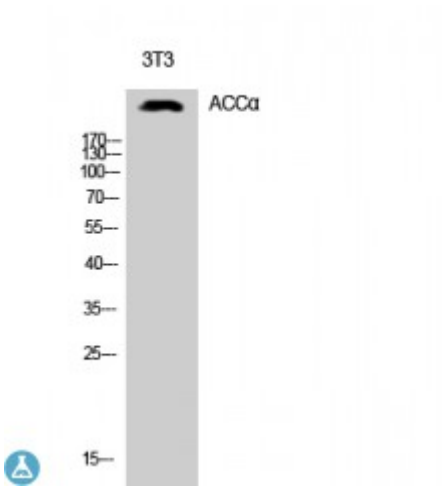
Anti-AC alpha antibody



Description	Rabbit polyclonal to ACCalpha.

Model	STJ91439
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	ELISA, IHC, WB
Immunogen	Synthesized peptide derived from human ACCalpha around the non-phosphorylation site of S80.
Immunogen Region	20-100 aa
Gene ID	31
Gene Symbol	ACACA
Dilution range	WB 1:500-1:2000IHC 1:100-1:300ELISA 1:5000
Specificity	ACCalpha Polyclonal Antibody detects endogenous levels of ACCalpha protein.
Tissue Specificity	Expressed in brain, placental, skeletal muscle, renal, pancreatic and adipose tissues; expressed at low level in pulmonary tissue; not detected in the liver.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Acetyl-CoA carboxylase 1 ACC1 ACC-alpha Includes: Biotin carboxylase
Molecular Weight	265 kDa

Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:84OMIM:200350
Alternative Names	Acetyl-CoA carboxylase 1 ACC1 ACC-alpha Includes: Biotin carboxylase
Function	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.
Cellular Localization	Cytoplasm.
Post-translational Modifications	Phosphorylation on Ser-1263 is required for interaction with BRCA1.