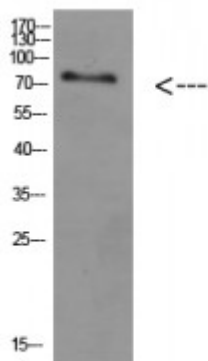


Anti-ACSS1 antibody



Description	Rabbit polyclonal to ACSS1.
Model	STJ98641
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	ELISA, WB
Immunogen	Synthetic peptide from AA range: 620-689.
Immunogen Region	620-689 aa
Gene ID	84532
Gene Symbol	ACSS1
Dilution range	WB 1:5000-10000ELISA 1:10000
Specificity	The antibody detects endogenous ACSS1 protein
Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Acetyl-coenzyme A synthetase 2-like, mitochondrial Acetate--CoA ligase 2 Acetyl-CoA synthetase 2 AceCS2 Acyl-CoA synthetase short-chain family member 1
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG

Formulation	PBS, pH 7.4, containing 0.02% sodium azide as Preservative and 50% Glycerol.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:16091OMIM:614355
Alternative Names	Acetyl-coenzyme A synthetase 2-like, mitochondrial Acetate--CoA ligase 2 Acetyl-CoA synthetase 2 AceCS2 Acyl-CoA synthetase short-chain family member 1
Function	Important for maintaining normal body temperature during fasting and for energy homeostasis. Essential for energy expenditure under ketogenic conditions . Converts acetate to acetyl-CoA so that it can be used for oxidation through the tricarboxylic cycle to produce ATP and CO(2).
Cellular Localization	Mitochondrion matrix
Post-translational Modifications	Reversibly acetylated on Lys-642. The acetyl-CoA synthase activity is inhibited by acetylation and activated by deacetylation.