

Product name:	ACSS1 (Acetyl-K642) Rabbit Polyclonal Antibody
Cat number:	ABN06169
Conjugate:	Unconjugated
Size:	100µL
Clone:	Polyclonal
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG
Immunogen:	Synthesized Acetyl peptide derived from human ACSS1. at AA range: K642
Reactivity:	Human, Mouse, Rat
Applications:	WB 1:500-1:2000, ELISA 1:10000-1:20000
Purification:	Affinity purification
Form:	Liquid
Buffer:	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Storage:	Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.
Background:	This gene encodes a mitochondrial acetyl-CoA synthetase enzyme. A similar protein in mice plays an important role in the tricarboxylic acid cycle by catalyzing the conversion of acetate to acetyl CoA. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Nov 2011], catalytic activity: ATP + acetate + CoA = AMP + diphosphate + acetyl-CoA., function: Converts acetate to acetyl-CoA so that it can be used for oxidation through the tricarboxylic cycle to produce ATP and CO(2)., sequence caution: Sequencing errors., similarity: Belongs to the ATP-dependent AMP-binding enzyme family.,