

ACSS2 (Acetyl Lys418) rabbit pAb

Catalog No :	YK0097
Reactivity :	Human;Mouse
Applications :	WB;ELISA
Target :	ACSS2
Fields :	>>Glycolysis / Gluconeogenesis;>>Pyruvate metabolism;>>Glyoxylate and dicarboxylate metabolism;>>Propanoate metabolism;>>Metabolic pathways;>>Carbon metabolism
Gene Name :	ACSS2 ACAS2
Protein Name :	ACSS2 (Acetyl Lys418)
Human Gene Id :	55902
Human Swiss Prot No :	Q9NR19
Mouse Gene Id :	60525
Mouse Swiss Prot No :	Q9QXG4
Immunogen :	Synthesized peptide derived from human ACSS2 (Acetyl Lys418)
Specificity :	This antibody detects endogenous levels of Human,Mouse ACSS2 (Acetyl Lys418)
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:1000-2000 ELISA 1:5000-20000
Purification :	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.

Concentration : 1 mg/ml**Storage Stability :** -15°C to -25°C/1 year(Do not lower than -25°C)**Observed Band :** 80kD**Background :**

This gene encodes a cytosolic enzyme that catalyzes the activation of acetate for use in lipid synthesis and energy generation. The protein acts as a monomer and produces acetyl-CoA from acetate in a reaction that requires ATP. Expression of this gene is regulated by sterol regulatory element-binding proteins, transcription factors that activate genes required for the synthesis of cholesterol and unsaturated fatty acids. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2009],

Function :

catalytic activity:ATP + acetate + CoA = AMP + diphosphate + acetyl-CoA.,function:Activates acetate so that it can be used for lipid synthesis or for energy generation.,similarity:Belongs to the ATP-dependent AMP-binding enzyme family.,subunit:Monomer.,

Subcellular Location : Cytoplasm, cytosol .

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