



ACSS2 (Acetyl Lys418) rabbit pAb

Catalog No	YP-Ab-04421
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB; ELISA
Gene Name	ACSS2 ACAS2
Protein Name	ACSS2 (Acetyl Lys418)
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
Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Dilution	WB 1:1000-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Acetyl-coenzyme A synthetase, cytoplasmic (EC 6.2.1.1;Acetate--CoA ligase;Acetyl-CoA synthetase;ACS;AceCS;Acyl-CoA synthetase short-chain family member 2;Acyl-activating enzyme)
Observed Band	80kD
Cell Pathway	Cytoplasm, cytosol .
Tissue Specificity	
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.,
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],

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images