

Product Name: ACSS2 Rabbit Polyclonal Antibody
Catalog #: APRab00137



Summary

Production Name	ACSS2 Rabbit Polyclonal Antibody
Description	Primary antibody
Host	Rabbit
Application	WB,ICC/IF
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purification	Affinity Chromatography

Immunogen

Gene Name	ACSS2
Alternative Names	ACSS2; ACSA; ACAS2; AceCS; MYH7B; Acetyl CoA synthetase
Gene ID	55902
SwissProt ID	Q9NR19

Application

Dilution Ratio	WB: 1/500-1/1000 IF: 1/50-1/200
Molecular Weight	Calculated MW: 79 kDa; Observed MW: 79 kDa

Background

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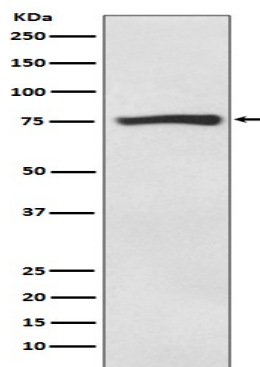


Activates acetate so that it can be used for lipid synthesis or for energy generation. Cytoplasmic acetyl-CoA synthetase (AceCS1) catalyzes the conversion of acetate and CoA to acetyl-CoA. Acetyl-CoA synthesized by AceCS1 is used for fatty acid and lipid biosynthesis. Studies suggest that this enzyme is regulated by sterol regulatory element-binding proteins.

Research Area

Signal Transduction

Image Data



Western blot analysis of ACSS2 in HepG2 lysates using ACSS2 antibody.

Note

For research use only.