
Product Name: ACSS2 Rabbit Polyclonal Antibody**Catalog #: APRab00137**

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,ICC/IF
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purification	Affinity Chromatography

Application

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

Antigen Information

Gene Name	ACSS2
Alternative Names	ACSS2; ACSA; ACAS2; AceCS; MYH7B; Acetyl CoA synthetase
Gene ID	55902
SwissProt ID	Q9NR19
Immunogen	A synthetic peptide of human ACSS2

Background

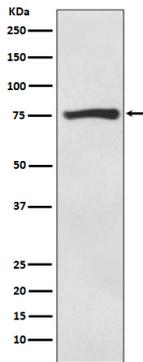
Activates acetate so that it can be used for lipid synthesis or for energy generation. Cytoplasmic acetyl-CoA synthetase (AceCS1) catalyzes the conversion of acetate and CoA to acetyl-CoA. Acetyl-CoA synthesized by AceCS1 is used for fatty acid

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.