
Product Name: ACSS2 Rabbit Monoclonal Antibody**Catalog #: AMRe01605**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	0.5mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000
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

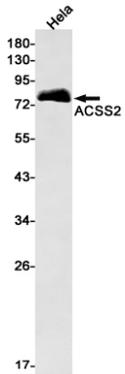
Activates acetate so that it can be used for lipid synthesis or for energy generation. Cytoplasmic acetyl-CoA synthetase (AceCS1) catalyzes the conversion of acetate and CoA to acetyl-CoA. Acetyl-CoA synthesized by AceCS1 is used for fatty acid

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 HeLa lysates using ACSS2 antibody.