Product Name: ACSS2 Rabbit Monoclonal Antibody
Catalog #: AMRe85251
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	
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in TBS with 0.05% sodium azide,0.05%protective protein and 50% glycerol.
Purification	Affinity Purification

Application

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

Antigen Information

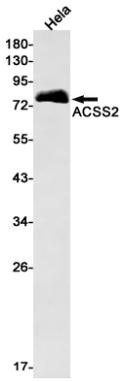
Gene Name	ACSS2
Alternative Names	ACSS2; ACSA; ACAS2; AceCS; MYH7B; Acetyl CoA synthetase
Gene ID	55902.0
SwissProt ID	Q9NR19
Immunogen	A synthetic peptide of human ACSS2

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

Image Data



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