



Rabbit Anti-Human ACSS2 Polyclonal Antibody (DPABH-02407)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	Recombinant Protein, antigen sequence: PGETTQITYHQLLVQCQFSNVLRKQGIQKGDRVAIYMPMIPELVVAMLACARIGALHSI VFAGFSSESLCERILDSSCSLLITDDAFYRGEKLVNLKELADEALQKCQEKGFVRCCIV VKHLGRAELGMDSTSQSPPIKRSCPDVQ
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse
Purification	Antigen affinity purified
Conjugate	Unconjugated
Applications	IHC, WB, ICC-IF
Format	Liquid
Size	100 µl
Buffer	40% glycerol and PBS (pH 7.2).
Preservative	0.02% Sodium Azide
Storage	Store at +4°C for short term storage. Long time storage is recommended at -20°C. Gently mix before use. Optimal concentrations and conditions for each application should be determined by the user.

BACKGROUND

Introduction

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]

Keywords

ACSS2; acyl-CoA synthetase short-chain family member 2; ACS; ACSA; ACAS2; ACECS; dJ1161H23.1; acetyl-coenzyme A synthetase, cytoplasmic; acetate thiokinase; acetate-CoA ligase; acyl-activating enzyme; cytoplasmic acetyl-coenzyme A synthetase; acetyl-Coenzyme A synthetase 2 (ADP forming);

GENE INFORMATION

Entrez Gene ID

[55902](#)

UniProt ID

[Q9NR19](#)