



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

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

## PRODUCT INFORMATION

<b>Immunogen</b>	Recombinant Protein, antigen sequence: PGETTQITYHQLLVQVCQFSNVLRKQGIQKGDRVAIYMPMIPPELVVAMLACARIGALHSI VFAGFSSESCLCERILDSSCSLLITDAFYRGEKLVNLKELADEALQKCQEKGFPVRCCIV VKHLGRAELGMGDSTSQSPPIKRSCP DVQ
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human, Mouse
<b>Purification</b>	Antigen affinity purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	IHC, WB, ICC-IF
<b>Format</b>	Liquid
<b>Size</b>	100 µl
<b>Buffer</b>	40% glycerol and PBS (pH 7.2).
<b>Preservative</b>	0.02% Sodium Azide
<b>Storage</b>	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](#)