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Datasheet for ABIN657155 anti-ACSS2 antibody (AA 261-290)

2 Images



Overview

Quantity:	400 µL
Target:	ACSS2
Binding Specificity:	AA 261-290
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ACSS2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This ACSS2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 261-290 amino acids from the Central region of human ACSS2.
Clone:	RB33058
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

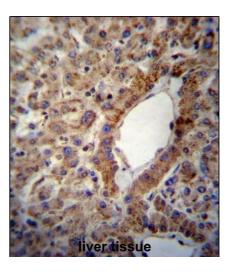
Target Details

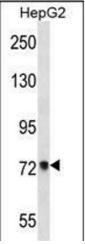
Target:	ACSS2
Alternative Name:	ACSS2 (ACSS2 Products)
Background:	This gene encodes a cytosolic enzyme that catalyzes the activation of acetate for use in lipid

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Target Details

	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].
Molecular Weight:	78580
NCBI Accession:	NP_001070020, NP_061147
UniProt:	Q9NR19
Application Details	
Application Notes:	WB: 1:1000. IHC-P: 1:10~50
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Buffer: Preservative:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide. Sodium azide
Preservative:	Sodium azide
Preservative:	Sodium azide This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which





Immunohistochemistry (Paraffin-embedded Sections)

Image 1. ACSS2 Antibody (Center) (ABIN657155 and ABIN2846289) immunohistochemistry analysis in formalin fixed and paraffin embedded human liver tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of ACSS2 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.

Western Blotting

Image 2. ACSS2 Antibody (Center) (ABIN657155 and ABIN2846289) western blot analysis in HepG2 cell line lysates (35 µg/lane).This demonstrates the ACSS2 antibody detected the ACSS2 protein (arrow).

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