

Datasheet for ABIN7265427

**anti-ACSS2 antibody****2** Images[Go to Product page](#)

## Overview

Quantity:	100 µL
Target:	ACSS2
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This ACSS2 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Purpose:	ACSS2 Rabbit mAb
Immunogen:	A synthesized peptide derived from human ACSS2
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Monoclonal Antibodies
Purification:	Affinity purification

## Target Details

Target:	ACSS2
Alternative Name:	ACSS2 ( <a href="#">ACSS2 Products</a> )
Background:	This gene encodes a cytosolic enzyme that catalyzes the activation of acetate for use in lipid

## 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, Jul 2009],ACAS2, ACECS, ACS, ACSA, dJ1161H23.1,Cancer,Endocrine & Metabolism,Lipid Metabolism,Signal Transduction,ACSS2

Molecular Weight: 79kDa

Gene ID: 55902

UniProt: [Q9NR19](#)

## Application Details

Application Notes: WB,1:500 - 1:2000

Restrictions: For Research Use only

## Handling

Format: Liquid

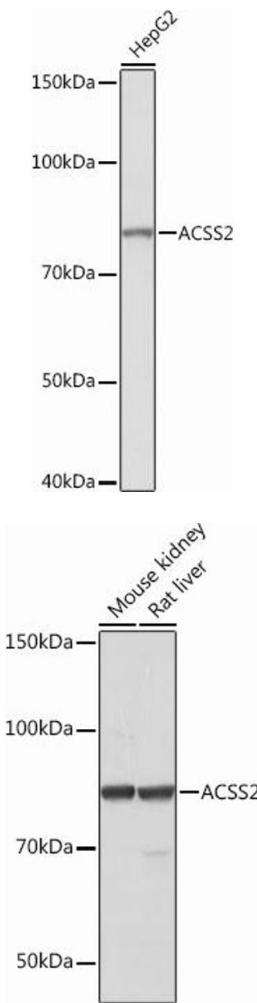
Buffer: PBS with 0.02 % sodium azide,0.05 % BSA,50 % glycerol, pH 7.3.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



#### Western Blotting

**Image 1.** Western blot analysis of extracts of HepG2 cells, using Rabbit mAb (ABIN7265427) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 3 min.

#### Western Blotting

**Image 2.** Western blot analysis of extracts of various cell lines, using Rabbit mAb (ABIN7265427) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 60s.