



Datasheet for ABIN6243557  
**anti-ACSS1 antibody (AA 94-125)**



[Go to Product page](#)

1 Image

Overview

|                      |                                      |
|----------------------|--------------------------------------|
| Quantity:            | 200 µL                               |
| Target:              | ACSS1                                |
| Binding Specificity: | AA 94-125                            |
| Reactivity:          | Human                                |
| Host:                | Rabbit                               |
| Clonality:           | Polyclonal                           |
| Conjugate:           | This ACSS1 antibody is un-conjugated |
| Application:         | Western Blotting (WB)                |

Product Details

|               |   |
|---------------|---|
| Immunogen:    | This ACSS1 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 94-125 amino acids from human ACSS1. |
| Clone:        | RB55127   |
| Isotype:      | Ig Fraction   |
| Purification: | This antibody is purified through a protein A column, followed by peptide affinity purification.  |

Target Details

|                   |  |
|-------------------|--|
| Target:           | ACSS1  |
| Alternative Name: | ACSS1 ( <a href="#">ACSS1 Products</a> )   |
| Background:       | Important for maintaining normal body temperature during fasting and for energy homeostasis. |

## Target Details

Essential for energy expenditure under ketogenic conditions (By similarity). Converts acetate to acetyl-CoA so that it can be used for oxidation through the tricarboxylic cycle to produce ATP and CO(2).

Molecular Weight: 74857

UniProt: [Q9NUB1](#)

## Application Details

Application Notes: WB: 1:2000

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

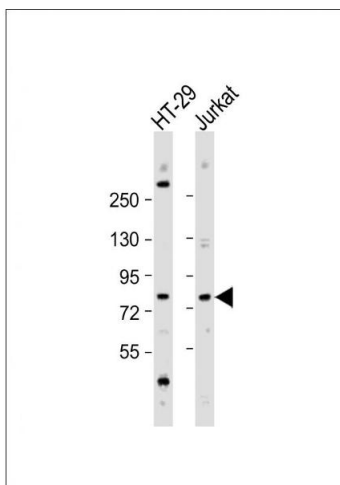
Preservative: Sodium azide

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

Storage: 4 °C, -20 °C

Expiry Date: 6 months

## Images



### Western Blotting

**Image 1.** All lanes : Anti-ACSS1 Antibody (N-Term) at 1:2000 dilution Lane 1: HT-29 whole cell lysate Lane 2: Jurkat whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 75 kDa Blocking/Dilution buffer: 5 % NFDN/TBST.