

For Research Use Only

# ACSS3 Recombinant antibody

Catalog Number:84810-4-RR



## Basic Information

<b>Catalog Number:</b> 84810-4-RR	<b>GenBank Accession Number:</b> BC009317	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 1000 µg/ml	<b>GeneID (NCBI):</b> 79611	<b>CloneNo.:</b> 242423C6
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9H6R3	<b>Recommended Dilutions:</b> WB 1:2000-1:16000
<b>Isotype:</b> IgG	<b>Full Name:</b> acyl-CoA synthetase short-chain family member 3	
<b>Immunogen Catalog Number:</b> AG9173	<b>Calculated MW:</b> 686 aa, 75 kDa	
	<b>Observed MW:</b> 70-75 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : HepG2 cells, THP-1 cells
<b>Species Specificity:</b> human	

## Background Information

ACSS3(acyl-CoA synthetase short-chain family member 3, mitochondrial) belongs to the ATP-dependent AMP-binding enzyme family. It activates acetate so that it can be used for lipid synthesis or for energy generation. The deduced 686-amino acid protein contains 4 of 5 motifs characteristic of acyl-CoA synthetases. This protein has 2 isoforms produced by alternative splicing. The full length protein has a transit peptide with 29 amino acids.

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

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## Selected Validation Data



HepG2 cells were subjected to SDS PAGE followed by western blot with 84810-4-RR (ACSS3 antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.



THP-1 cells were subjected to SDS PAGE followed by western blot with 84810-4-RR (ACSS3 antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.