



Datasheet for ABIN653232
anti-ACSM1 antibody (N-Term)



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2 Images

Overview

Quantity:	400 µL
Target:	ACSM1
Binding Specificity:	AA 21-48, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ACSM1 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS)

Product Details

Immunogen:	This ACSM1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 21-48 amino acids from the N-terminal region of human ACSM1.
Clone:	RB23656
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	ACSM1
Alternative Name:	ACSM1 (ACSM1 Products)
Background:	ACSM1 has medium-chain fatty acid:CoA ligase activity with broad substrate specificity (in

Target Details

vitro). This protein acts on acids from C(4) to C(11) and on the corresponding 3-hydroxy-and 2,3-or 3,4-unsaturated acids (in vitro). This protein functions as GTP-dependent lipoate-activating enzyme that generates the substrate for lipoyltransferase

Molecular Weight: 65273

Gene ID: 116285

NCBI Accession: [NP_443188](#)

UniProt: [Q08AH1](#)

Application Details

Application Notes: WB: 1:1000. FC: 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.

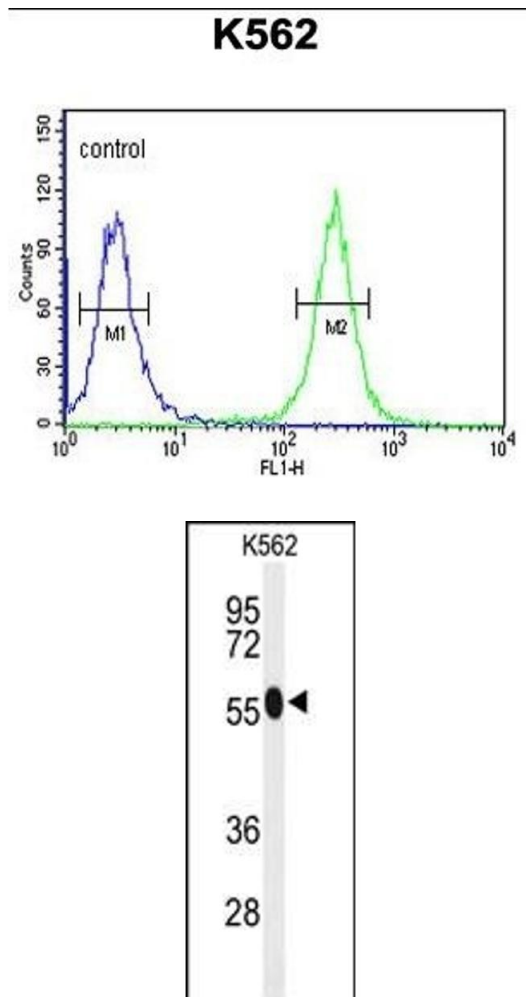
Preservative: Sodium azide

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

Storage Comment: Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.

Expiry Date: 6 months



Flow Cytometry

Image 1. ACSM1 Antibody (N-term) (ABIN653232 and ABIN2842765) flow cytometric analysis of K562 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Western Blotting

Image 2. Western blot analysis of ACSM1 Antibody (N-term) (ABIN653232 and ABIN2842765) in K562 cell line lysates (35 µg/lane). ACSM1 (arrow) was detected using the purified Pab.