

Recombinant

DGRmAb®

ACSS2 (DGR19195) Rabbit mAb

db12228

Package : 10µL 20µL 50µL 100µL

Product Name : ACSS2 (DGR19195) Rabbit mAb

Cat.No.: db12228

Synonyms : ACS; ACSA; ACAS2; ACECS; dJ1161H23.1

Application : WB, ICC/IF

Reactivity : Human,Mouse,Rat

Host species : Rabbit

Background

This gene encodes a cytosolic enzyme that catalyzes the activation of acetate for use in lipid 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]

Immunogen

A synthetic peptide of human ACSS2

Gene ID

55902

Swiss Prot

Q9NR19

Synonyms

ACS; ACSA; ACAS2; ACECS; dJ1161H23.1

Reactivity

Human,Mouse,Rat

Application

WB, ICC/IF

Recommended dilution

WB: 1:1000-1:5000

ICC/IF: 1:100-1:200

Calculated MW

79 kDa

Observed MW

79 kDa

Host species

Rabbit

Clonality

Monoclonal

Clonality No.

DGR19195

Isotype

IgG

Purity

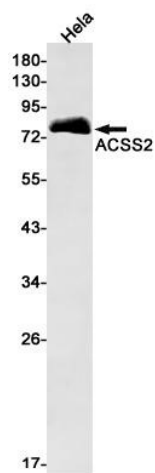
Affinity Purification

Conjugation

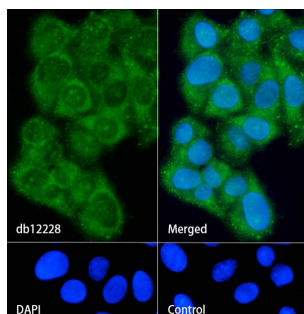
Un-conjugated

Storage Stability

Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



Western blot detection of ACSS2 in HeLa cell lysates using ACSS2 antibody(1:1000 diluted).



Immunofluorescence analysis of HepG2 cells labelling ACSS2 with db12228.

The cells were fixed with cold 100% methanol (10min, 4°C) and blocked in 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween 20 for 1h. The cells were then incubate with db12228 (1:100) at room temprature for 1h, followed by a further incubation at room temperature for 45min with Goat Anti Rabbit IgG (H+L)-AF488 (db10005, shown in green). Nuclear DNA was labeled in blue with DAPI.

Control: Secondary antibody only.