

Recombinant

DGRmAb®

ACSS2 (DGR19195) Rabbit mAb (PBS Only)

db12228-PBS

Package : 10µg 100µg

Product Name : ACSS2 (DGR19195) Rabbit mAb (PBS Only)**Cat.No.:** db12228-PBS**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

Calculated MW

79 kDa

Observed MW

79 kDa

Host species

Rabbit

Clonality

Monoclonal

Clonality No.

DGR19195

Isotype

IgG

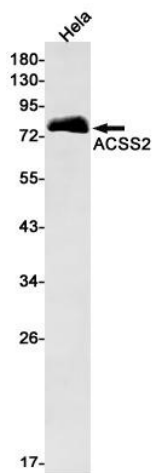
Purity

Affinity Purification

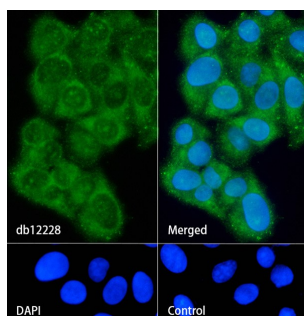
Conjugation

Un-conjugated

Concentration	1 mg/mL
Formulation	PBS Only
Storage Stability	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. 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.