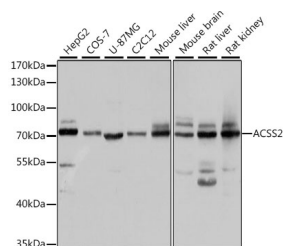


ACSS2 Polyclonal Antibody

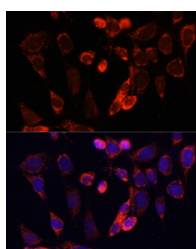
Catalog No.	E-AB-67760	Reactivity	H,M,R
Storage	Store at -20°C. Avoid freeze / thaw cycles.	Host	Rabbit
Applications	WB,IF	Isotype	IgG

Note: Centrifuge before opening to ensure complete recovery of vial contents.

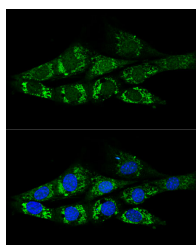
Images



Western blot analysis of extracts of various cell lines using ACSS2 Polyclonal Antibody at 1:1000 dilution.



Confocal immunofluorescence analysis of NIH-3T3 cells using ACSS2 Polyclonal Antibody at dilution of 1:200. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of NIH-3T3 cells using ACSS2 Polyclonal antibody at dilution of 100 (40x lens). Blue: DAPI for nuclear staining.

Immunogen Information

Immunogen	Recombinant protein of human ACSS2
GeneID	55902
Swissprot	Q9NR19
Synonyms	ACSS2,ACAS2,ACECS,ACS,ACSA,dJ1161H23.1

Product Information

Calculated MW	78kDa/80kDa
Observed MW	78kDa
Buffer	PBS with 0.01% thiomersal,50% glycerol,pH7.3.
Purify	Affinity purification
Dilution	WB 1:500-1:2000,IF 1:50-1:200

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.

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Applications:WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.