

## ACSS2 Antibody

Catalog No: #43064

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## Description

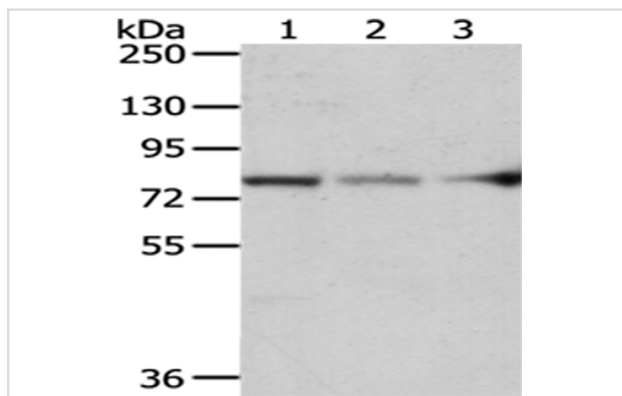
Product Name	ACSS2 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total ACSS2 protein.
Immunogen Type	protein
Immunogen Description	Fusion protein of human ACSS2
Target Name	ACSS2
Other Names	ACS; ACSA; ACAS2; ACECS; dJ1161H23.1
Accession No.	Swiss-Prot#: Q9NR19Gene ID: 55902
Uniprot	Q9NR19
GeneID	55902;
Calculated MW	79kd
Concentration	1mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol.
Storage	Store at -20°C

## Application Details

Western blotting: 1:200-1:1000

Immunohistochemistry: 1:50-1:200

## Images



Gel: 6%SDS-PAGE

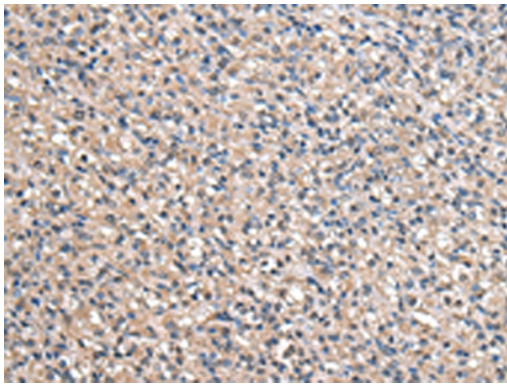
Lysate: 40 µg

Lane 1-3: K562, MCF7 and hepg2 cell

Primary antibody: 1/400 dilution

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 20 seconds



Immunohistochemical analysis of paraffin-embedded Human prostate cancer tissue using #43064 at dilution 1/20. (Original magnification: B1Γ• 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.?

Note: This product is for in vitro research use only