

# ACSS1 Polyclonal Antibody

Product Details	
Size	100 µL
Species Reactivity	Human
Published Species	Human
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Recombinant protein corresponding to Human ACSS1
Form	Liquid
Concentration	0.4 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS, pH 7.2, with 40% glycerol
Contains	0.02% sodium azide
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2637632

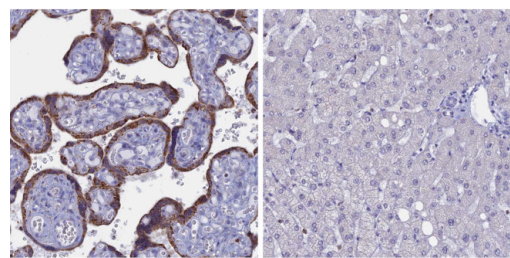
Applications	Tested Dilution	Publications
Western Blot (WB)	0.04-0.4 µg/mL	1 Publication
Immunohistochemistry (IHC)	1:1,000-1:2,500	-

## Product Specific Information

Immunogen sequence: IFAGFSAESL AGRINDAKCK VVITFNQGLR GGRVVELKKI VDEAVKHCPT VQHVLVAHRT DNKVHMGDLD VPLEQEMAKE DPVCAPESMG SEDMLFML

Highest antigen sequence identity to the following orthologs: Mouse - 90%, Rat - 90%.

Product Images For ACSS1 Polyclonal Antibody



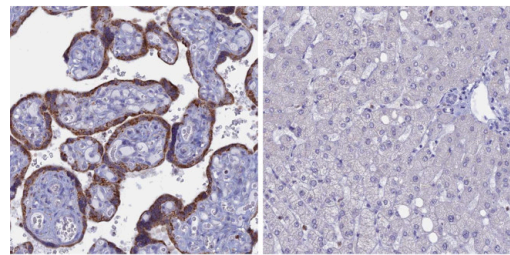
ACSS1 in Placenta

ACSS1 in Liver



**ACSS1 Antibody (PA5-59392)**

Relative expression in different tissues in IHC: Detection of differential expression levels of ACSS1 demonstrates antibody specificity. Immunohistochemical analysis of ACSS1 using anti-ACSS1 Polyclonal Antibody (Product # PA5-59392), shows significant staining of ACSS1 in human placenta and shows minimal or weak staining in human liver tissues. The relative expression levels of ACSS1 within each tissue is shown using RNA-Seq. {RE}



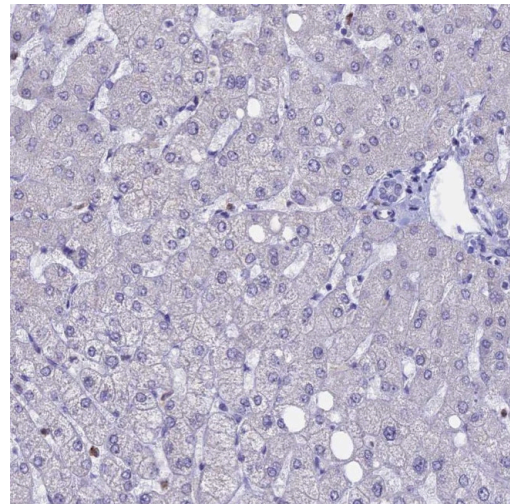
ACSS1 in Placenta

ACSS1 in Liver



**ACSS1 Antibody (PA5-59392) in IHC**

Immunohistochemical staining of ACSS1 in human placenta and liver tissues using ACSS1 Polyclonal Antibody (Product # PA5-59392). Corresponding ACSS1 RNA-seq data are presented for the same tissues.



**ACSS1 Antibody (PA5-59392) in IHC**

Immunohistochemical staining of ACSS1 in human liver using ACSS1 Polyclonal Antibody (Product # PA5-59392) shows low expression as expected.

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Western Blot (1)

Oncogenesis	Year 2020
Acetyl-CoA synthetase 3 promotes bladder cancer cell growth under metabolic stress.	Species Human
"PA5-59392 was used in Western Blotting to demonstrate that acetyl-CoA synthetase short chain family 3 was responsible for lipogenic AcCoA synthesis in bladder urothelial carcinoma cells under metabolic stress."	
Authors: Zhang J,Duan H,Feng Z,Han X,Gu C	

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