

# Product Datasheet

## ACSL1 Antibody - BSA Free

### NBP1-89270

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

[www.novusbio.com](http://www.novusbio.com)



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**NBP1-89270**

ACSL1 Antibody - BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol
Target Molecular Weight	78 kDa

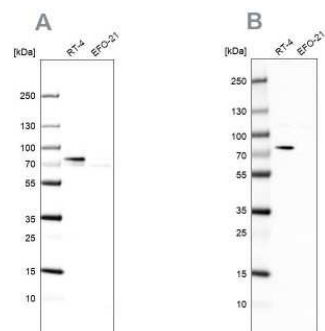
Product Description	
Description	Novus Biologicals Rabbit ACSL1 Antibody - BSA Free (NBP1-89270) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	2180
Gene Symbol	ACSL1
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (81%), Rat (80%)
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: IIEQGCFAYSMVIVPLYDTLGNEAITYIVNKAELSLVFVDKPEKAKLLLEGVENKLI PGLKIIIVMDAYGSELVERGQRRCGVEVTSMKAMEDLGRANRRKPKPPAPEDLA VICFTSGTTGNPKGAMVTHRN

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200-1:500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

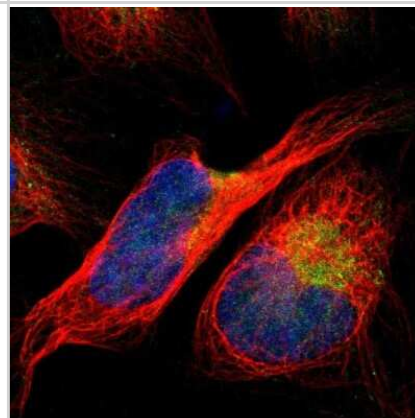


## Images

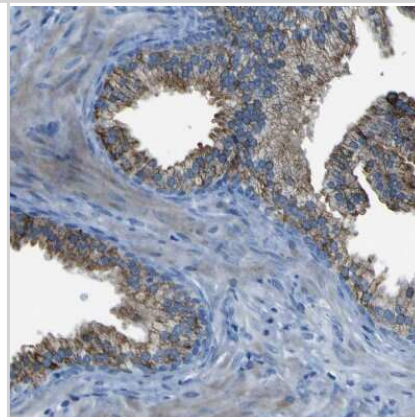
Western Blot: ACSL1 Antibody [NBP1-89270] - Analysis using Anti-ACSL1 antibody NBP1-89270 (A) shows similar pattern to independent antibody NBP1-89271 (B).



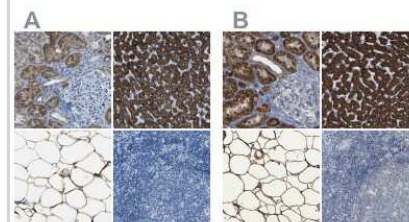
Immunocytochemistry/Immunofluorescence: ACSL1 Antibody [NBP1-89270] - Immunofluorescent staining of human cell line U-2 OS shows localization to nucleoplasm & mitochondria.



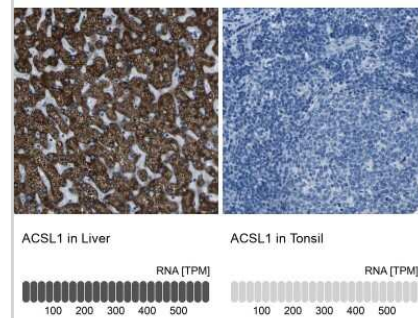
Immunohistochemistry-Paraffin: ACSL1 Antibody [NBP1-89270] - Staining of human prostate shows moderate granular cytoplasmic positivity in glandular cells.



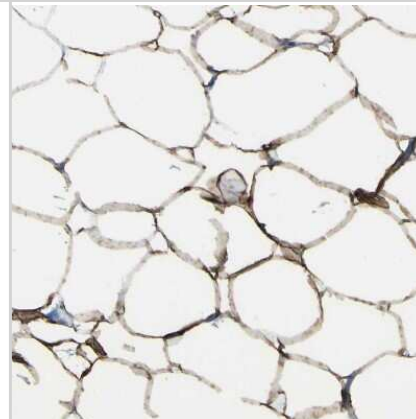
Immunohistochemistry-Paraffin: ACSL1 Antibody [NBP1-89270] - Staining of human kidney, liver, soft tissues and tonsil using Anti-ACSL1 antibody NBP1-89270 (A) shows similar protein distribution across tissues to independent antibody NBP1-89271 (B).



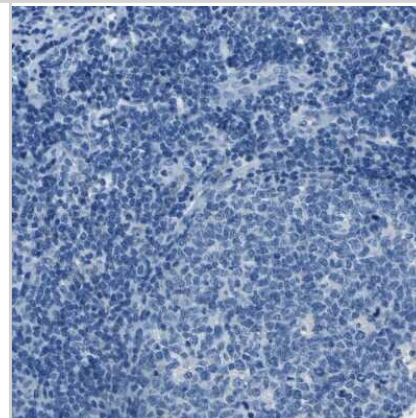
Immunohistochemistry-Paraffin: ACSL1 Antibody [NBP1-89270] - Analysis in human liver and tonsil tissues. Corresponding ACSL1 RNA-seq data are presented for the same tissues.



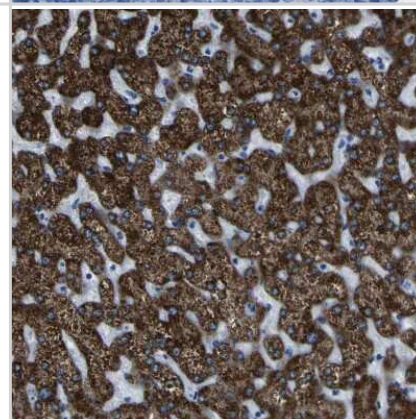
Immunohistochemistry-Paraffin: ACSL1 Antibody [NBP1-89270] - Staining of human soft tissues shows moderate to strong cytoplasmic positivity in adipocytes.



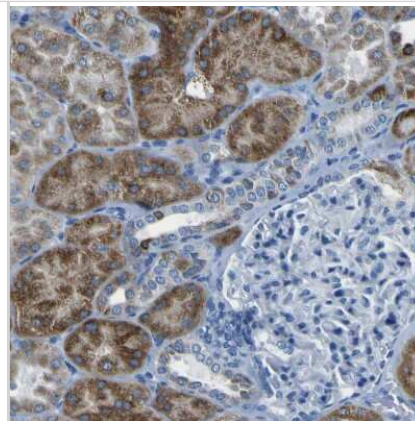
Immunohistochemistry-Paraffin: ACSL1 Antibody [NBP1-89270] - Staining of human tonsil shows no cytoplasmic positivity in germinal center cells as expected.



Immunohistochemistry-Paraffin: ACSL1 Antibody [NBP1-89270] - Staining of human liver shows strong granular cytoplasmic positivity in hepatocytes.



Immunohistochemistry-Paraffin: ACSL1 Antibody [NBP1-89270] - Staining of human kidney shows moderate granular cytoplasmic positivity in cells in tubules.





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### **Products Related to NBP1-89270**

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NBP1-89270PEP	ACSL1 Recombinant Protein Antigen
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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