

# 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.

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**NBP1-89270**

ACSL1 Antibody - BSA Free

**Product Information**

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

**Product Description**

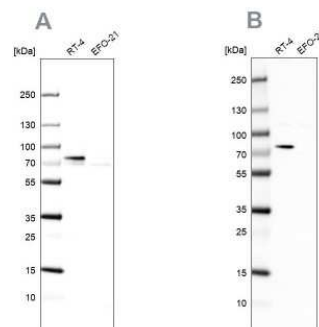
<b>Host</b>	Rabbit
<b>Gene ID</b>	2180
<b>Gene Symbol</b>	ACSL1
<b>Species</b>	Human
<b>Reactivity Notes</b>	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (81%), Rat (80%)
<b>Immunogen</b>	This antibody was developed against Recombinant Protein corresponding to amino acids: IIEQGCFAYSMVIVPLYDTLGNEAITYIVNKAELSLVFVDKPEKAKLLLEGVENKLI PGLKIIIVMDAYGSELVERGQRCGVEVTSMKAMEDLGRANRRKPKPPAPEDLA VICFTSGTTGNPKGAMVTHRN

**Product Application Details**

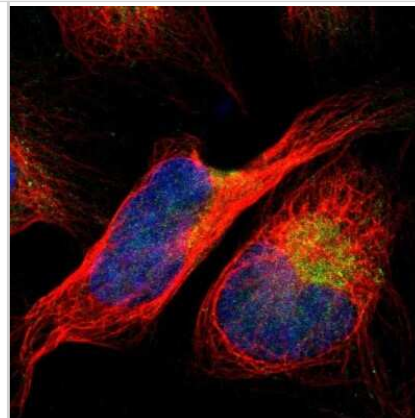
<b>Applications</b>	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin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

**Images**

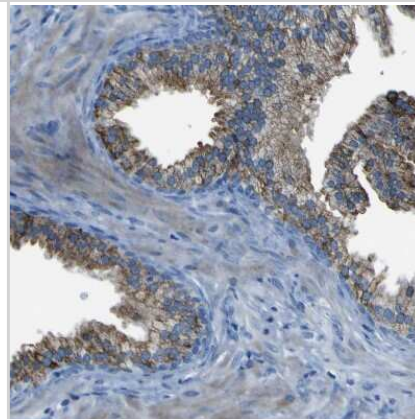
Western Blot: ACSL1 Antibody [NBP1-89270] - Analysis using Anti-ACSL1 antibody NBP1-89270 (A) shows similar pattern to independent antibody NBP1-89271 (B).



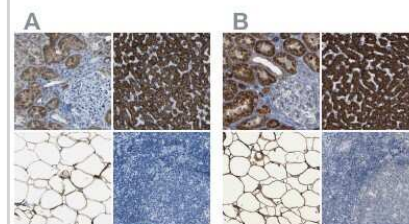
Immunocytochemistry/Immunofluorescence: ACSL1 Antibody [NBP1-89270] - Immunofluorescent staining of human cell line U-2 OS shows localization to nucleoplasm & mitochondria.



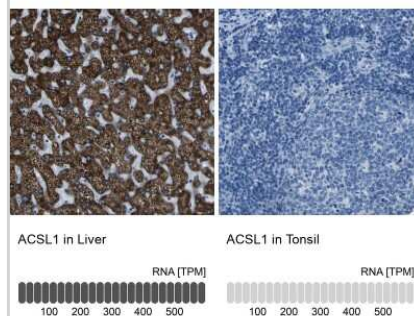
Immunohistochemistry-Paraffin: ACSL1 Antibody [NBP1-89270] - Staining of human prostate shows moderate granular cytoplasmic positivity in glandular cells.



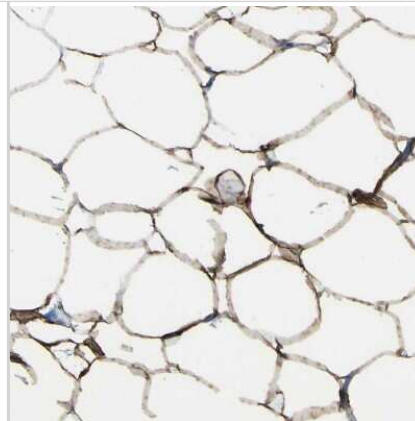
Immunohistochemistry-Paraffin: ACSL1 Antibody [NBP1-89270] - Staining of human kidney, liver, soft tissues and tonsil using Anti-ACSL1 antibody NBP1-89270 (A) shows similar protein distribution across tissues to independent antibody NBP1-89271 (B).



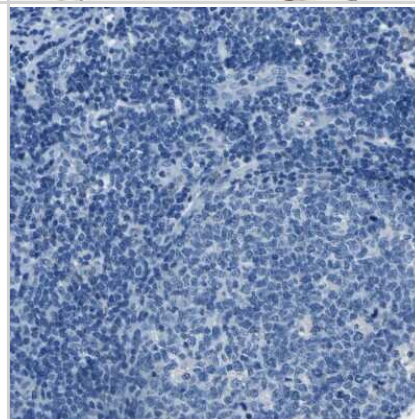
Immunohistochemistry-Paraffin: ACSL1 Antibody [NBP1-89270] - Analysis in human liver and tonsil tissues. Corresponding ACSL1 RNA-seq data are presented for the same tissues.



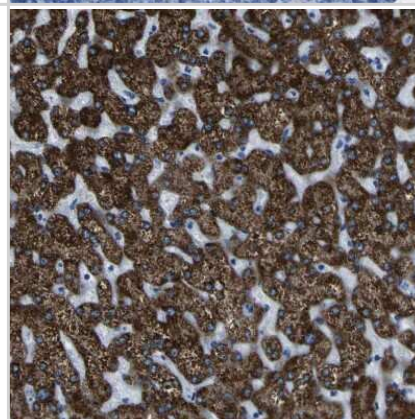
Immunohistochemistry-Paraffin: ACSL1 Antibody [NBP1-89270] - Staining of human soft tissues shows moderate to strong cytoplasmic positivity in adipocytes.



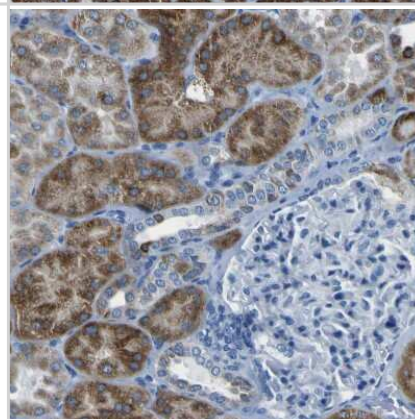
Immunohistochemistry-Paraffin: ACSL1 Antibody [NBP1-89270] - Staining of human tonsil shows no cytoplasmic positivity in germinal center cells as expected.



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
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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