

# Product Datasheet

## ACSL5 Antibody (A9D3-R)

### NBP3-31996

Unit Size: 100 ul

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

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**NBP3-31996**

ACSL5 Antibody (A9D3-R)

<b>Product Information</b>	
<b>Unit Size</b>	100 ul
<b>Concentration</b>	Please see the 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>	Monoclonal
<b>Clone</b>	A9D3-R
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Protein A purified
<b>Buffer</b>	PBS (pH7.4), 0.1% BSA and 40% Glycerol
<b>Target Molecular Weight</b>	76 kDa

<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Mouse ACSL5 Antibody (A9D3-R) (NBP3-31996) is a recombinant monoclonal antibody validated for use in IHC and WB. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Mouse
<b>Gene ID</b>	51703
<b>Gene Symbol</b>	ACSL5
<b>Species</b>	Human, Mouse, Rat
<b>Immunogen</b>	Recombinant protein within human ACSL5 aa 151-350 / 683. (Uniprot: Q9ULC5)

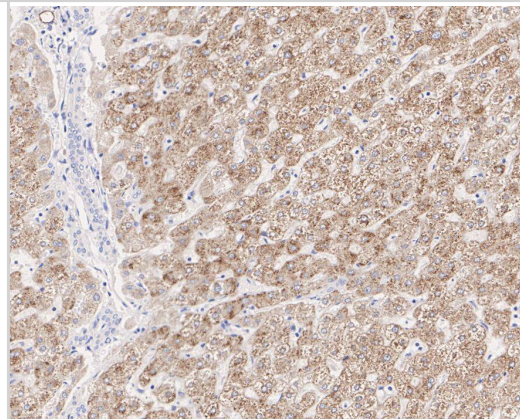
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 1:1000, Immunohistochemistry, Immunohistochemistry-Paraffin 1:1000



## Images

Immunohistochemistry: ACSL5 Antibody (A9D3-R) [NBP3-31996] - Immunohistochemical analysis of paraffin-embedded human liver tissue with Mouse anti-ACSL5 antibody (NBP3-31996) at 1/1,000 dilution.

The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 20 minutes. The tissues were blocked in 1% BSA for 20 minutes at room temperature, washed with ddH<sub>2</sub>O and PBS, and then probed with the primary antibody (NBP3-31996) at 1/1,000 dilution for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



Western Blot: ACSL5 Antibody (A9D3-R) [NBP3-31996] - Western blot analysis of ACSL5 on different lysates with Mouse anti-ACSL5 antibody (NBP3-31996) at 1/1,000 dilution.

Lane 1: Mouse liver tissue lysate  
Lane 2: Rat liver tissue lysate

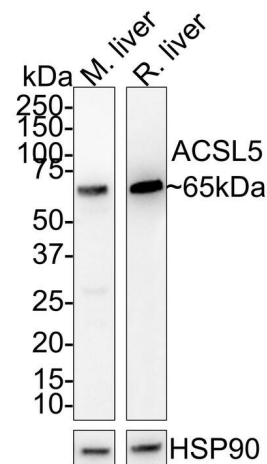
Lysates/proteins at 30 ug/Lane.

Predicted band size: 76 kDa  
Observed band size: 65 kDa

Exposure time: 1 minute;

4-20% SDS-PAGE gel.

Proteins were transferred to a PVDF membrane and blocked with 5% NFDN/TBST for 1 hour at room temperature. The primary antibody (NBP3-31996) at 1/1,000 dilution was used in 5% NFDN/TBST at room temperature for 2 hours. Goat Anti-Mouse IgG - HRP Secondary Antibody at 1:100,000 dilution was used for 1 hour at room temperature.





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### **Products Related to NBP3-31996**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97019-5mg	Mouse 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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