

Product Datasheet

ACSL3 Antibody NBP2-15252

Unit Size: 0.1 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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NBP2-15252

ACSL3 Antibody

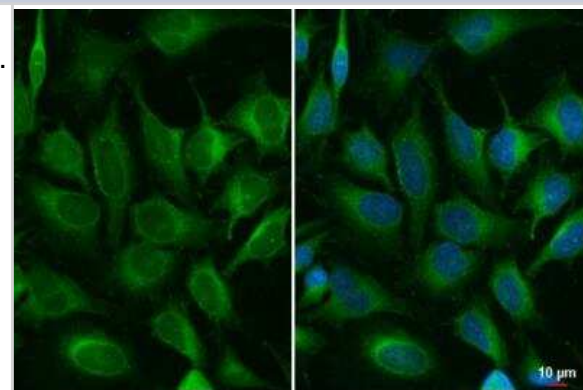
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.025% Proclin 300
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7), 20% Glycerol
Target Molecular Weight	80 kDa

Product Description	
Host	Rabbit
Gene ID	2181
Gene Symbol	ACSL3
Species	Human, Mouse, Rat
Immunogen	Recombinant protein encompassing a sequence within the center region of human ACSL3. The exact sequence is proprietary.

Product Application Details	
Applications	Western Blot, Simple Western, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500 - 1:3000, Simple Western Validated from a verified customer review, Immunohistochemistry 1:100 - 1:1000, Immunocytochemistry/ Immunofluorescence Assay dependent., Immunohistochemistry-Paraffin 1:100 - 1:1000

Images

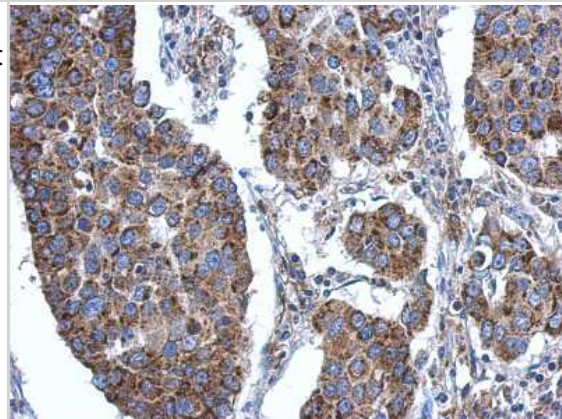
Immunocytochemistry/Immunofluorescence: ACSL3 Antibody [NBP2-15252] - HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: ACSL3 stained by ACSL3 antibody diluted at 1:500.



Immunohistochemistry-Paraffin: ACSL3 Antibody [NBP2-15252] - Human breast carcinoma. ACSL3 stained by ACSL3 antibody diluted at 1:500. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min.



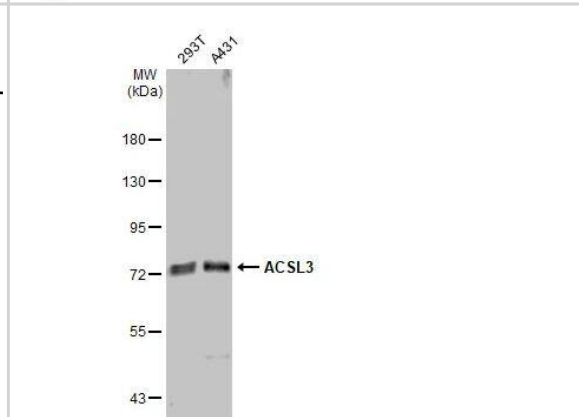
Immunohistochemistry-Paraffin: ACSL3 Antibody [NBP2-15252] - IHC analysis of human breast cancer tissue section, using ACSL3 antibody at 1:500 dilution. Antigen Retrieval: Trilogy(TM) (EDTA based, pH 8.0) buffer for 15 min.



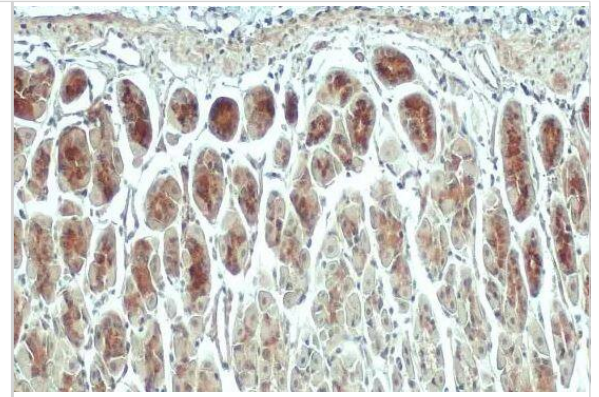
Simple Western: ACSL3 Antibody [NBP2-15252] - Mouse brain (hippocampus) tissue. Simple Western image submitted by a verified customer review.



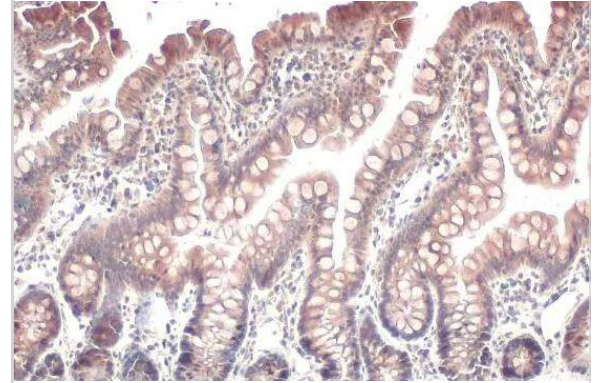
Western Blot: ACSL3 Antibody [NBP2-15252] -Various whole cell extracts (30 ug) were separated by 7.5% SDS-PAGE, and the membrane was blotted with ACSL3 antibody diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (NBP2-19301) was used to detect the primary antibody.



Immunohistochemistry-Paraffin: ACSL3 Antibody [NBP2-15252] Mouse stomach. ACSL3 stained by ACSL3 antibody diluted at 1:500. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



Immunohistochemistry-Paraffin: ACSL3 Antibody [NBP2-15252] - Rat colon. ACSL3 stained by ACSL3 antibody diluted at 1:200. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



Publications

Janikiewicz J, Dobosz AM, Majzner K et al. Stearoyl-CoA desaturase 1 deficiency exacerbates palmitate-induced lipotoxicity by the formation of small lipid droplets in pancreatic β -cells *Biochimica et biophysica acta. Molecular basis of disease* 2023-04-11 [PMID: 37054998] (WB, Rat)

Details:
Tested with INS-1E cells



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Products Related to NBP2-15252

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00002181-P01-2ug	Recombinant Human ACSL3 GST (N-Term) Protein

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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