

Product Datasheet

ACSL3 Antibody - BSA Free

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 - BSA Free

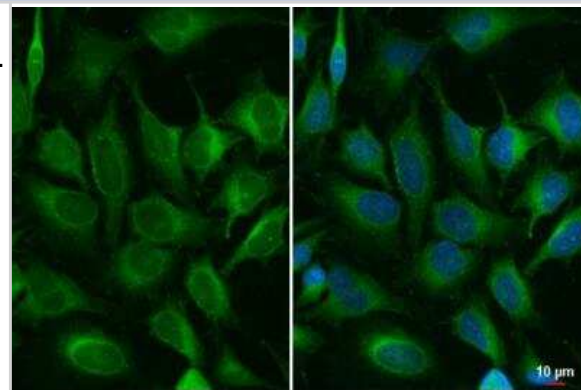
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.025% Proclin 300
Isotype	IgG
Purity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

Product Description	
Description	Novus Biologicals Rabbit ACSL3 Antibody - BSA Free (NBP2-15252) is a polyclonal antibody validated for use in IHC, WB, ICC/IF and Simple Western. Anti-ACSL3 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
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, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500 - 1:3000, Simple Western, Immunohistochemistry 1:100 - 1:1000, Immunocytochemistry/ Immunofluorescence Assay dependent., Immunohistochemistry-Paraffin 1:100 - 1:1000
Application Notes	See Simple Western Antibody Database for Simple Western validation: Tested in Mouse brain (hippocampus) tissue, separated by Size

Images

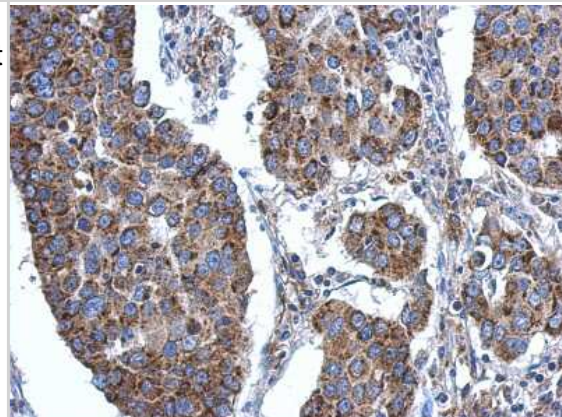
Immunocytochemistry/Immunofluorescence: ACSL3 Antibody [NBP2-15252] - HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: ACSL3 stained by ACSL3 antibody diluted at 1:500.



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.



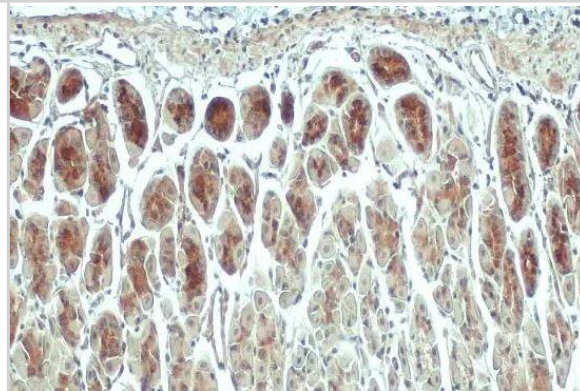
Immunohistochemistry-Paraffin: ACSL3 Antibody [NBP2-15252] - IHC analysis of human breast cancer tissue section, using ACSL3 antibody at 1:500 dilution. Antigen Retrieval: Trilogy(TM) (EDTA based, pH 8.0) buffer for 15 min.



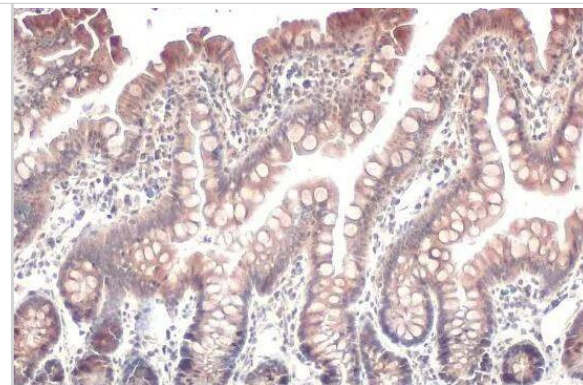
Simple Western: ACSL3 Antibody [NBP2-15252] - Mouse brain (hippocampus) tissue. Simple Western image submitted by a verified customer review.



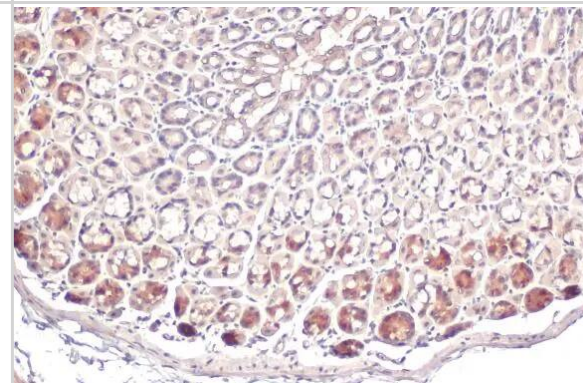
Immunohistochemistry-Paraffin: ACSL3 Antibody [NBP2-15252] Mouse stomach. ACSL3 stained by ACSL3 antibody diluted at 1:500. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



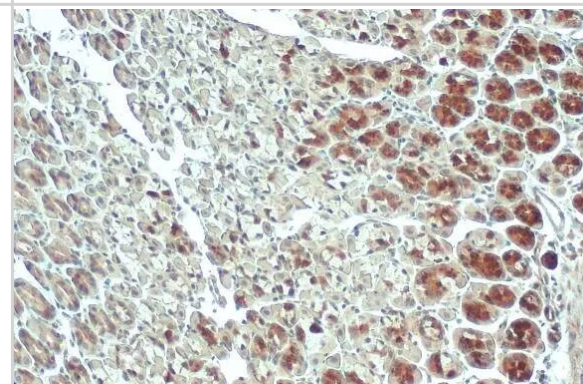
Immunohistochemistry-Paraffin: ACSL3 Antibody [NBP2-15252] - Rat colon. ACSL3 stained by ACSL3 antibody diluted at 1:200. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



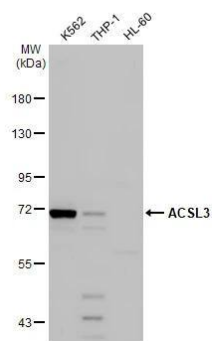
Immunohistochemistry-Paraffin: ACSL3 Antibody [NBP2-15252] - ACSL3 antibody detects ACSL3 protein at cytoplasm by immunohistochemical analysis.
Sample: Paraffin-embedded mouse stomach.
ACSL3 stained by ACSL3 antibody (NBP2-15252) diluted at 1:200.
Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



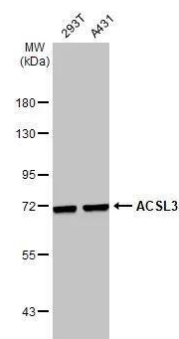
Immunohistochemistry-Paraffin: ACSL3 Antibody [NBP2-15252] - ACSL3 antibody detects ACSL3 protein at mitochondria by immunohistochemical analysis.
Sample: Paraffin-embedded mouse stomach.
ACSL3 stained by ACSL3 antibody (NBP2-15252) diluted at 1:500.
Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



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



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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

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

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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