

Product Datasheet

ACSL5 Antibody NB100-2918

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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NB100-2918

ACSL5 Antibody

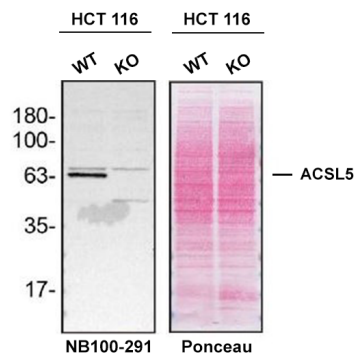
Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA
Target Molecular Weight	76 kDa

Product Description	
Host	Goat
Gene ID	51703
Gene Symbol	ACSL5
Species	Human
Specificity/Sensitivity	This antibody is expected to recognise isoform a (NP_057318.2) and isoform b (NP_976313.1 and NP_976314.1).
Immunogen	Peptide with sequence C-RTQIDSLYEHIQD corresponding to C-Terminus according to NP_057318.2, NP_976313.1, NP_976314.1.

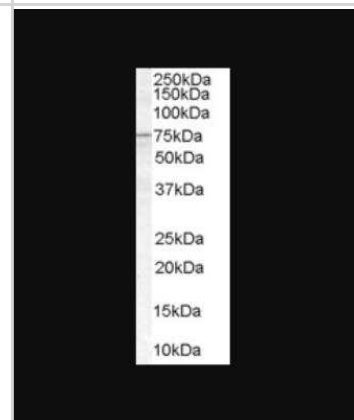
Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Peptide ELISA
Recommended Dilutions	Western Blot 1 - 3 ug/ml, Immunohistochemistry, Immunohistochemistry-Paraffin 5 ug/ml, Peptide ELISA Detection limit 1:16000
Application Notes	WB: Approx. 75 kDa band observed in human spleen lysates (calculated MW of 76.0 kDa band according to NP_976313.1 and NP_976314.1).

Images

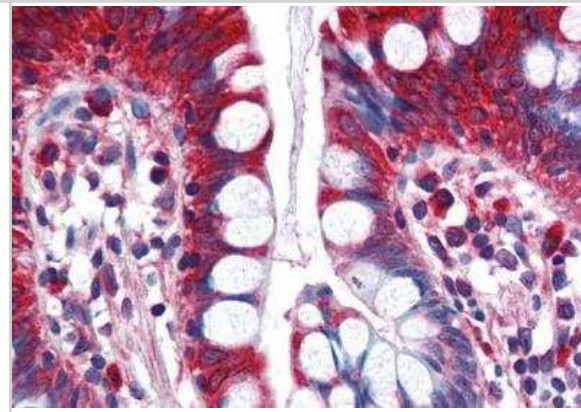
Western blot shows lysates of HCT 116 and ACSL5 knockout HCT 116 cell line (KO). Nitrocellulose membrane was probed with ACSL5 Antibody (Catalog # NB100-2918) followed by HRP-conjugated donkey anti-goat IgG Secondary Antibody. A specific band was detected for ACSL5 at approximately 64 kDa (as indicated) in the parental HCT 116 cell line, but is not detectable in knockout HCT 116 cell line. Primary antibody dilution used: 1/1000. The Ponceau stained transfer of the blot is shown. This experiment was conducted under reducing conditions. Image, protocol, and testing courtesy of YCharOS Inc. See ycharos.com for additional details.



Western Blot: ACSL5 Antibody [NB100-2918] - Staining of Human Spleen lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



Immunohistochemistry-Paraffin: ACSL5 Antibody [NB100-2918] - Staining of human small intestine. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Publications

Obermuller N, Keith M, Kopitz J et al. Coeliac disease is associated with impaired expression of acyl-CoA-synthetase 5. *Int J Colorectal Dis* 2005-04-05 [PMID: 15809837]



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Products Related to NB100-2918

HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control
H00051703-P01-10ug	Recombinant Human ACSL5 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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