

Product Datasheet

ACADVL Antibody NBP2-15238

Unit Size: 0.1 ml

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

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Publications: 2

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Updated 10/23/2024 v.20.1

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NBP2-15238

ACADVL Antibody

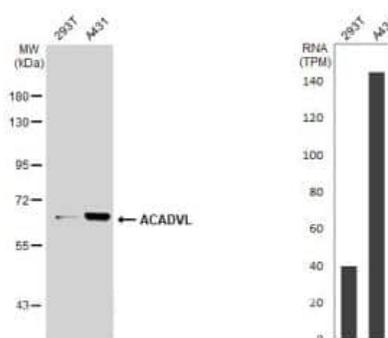
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.025% Proclin 300
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	PBS, 1% BSA, 20% Glycerol
Target Molecular Weight	70 kDa

Product Description	
Host	Rabbit
Gene ID	37
Gene Symbol	ACADVL
Species	Human, Mouse, Rat
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Zebrafish (81%).
Immunogen	Recombinant protein encompassing a sequence within the center region of human ACADVL. The exact sequence is proprietary.

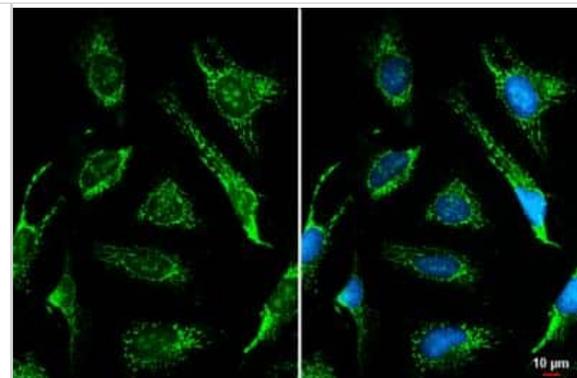
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Knockout Validated
Recommended Dilutions	Western Blot 1:500-1:3000, Immunohistochemistry 1:100-1:1000, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunohistochemistry-Paraffin 1:100-1:1000, Knockout Validated

Images

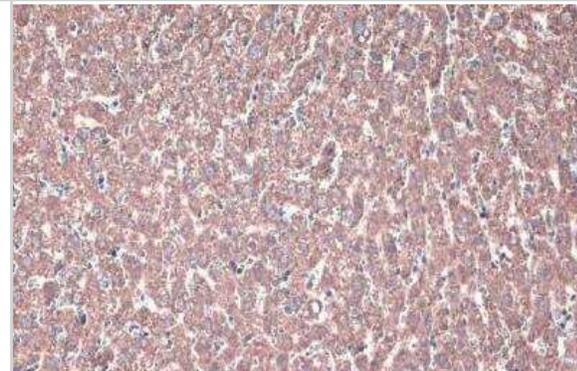
Western Blot: ACADVL Antibody [NBP2-15238] - Various whole cell extracts (30 ug) were separated by 7.5% SDS-PAGE, and the membrane was blotted with ACADVL antibody diluted at 1:1000. HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



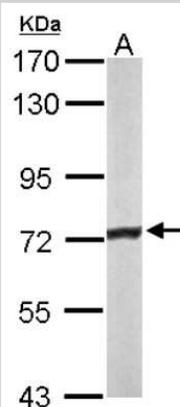
Immunocytochemistry/Immunofluorescence: ACADVL Antibody [NBP2-15238] - ACADVL antibody detects ACADVL protein at mitochondria by immunofluorescent analysis. Sample: HeLa cells were fixed in ice-cold MeOH for 5 min. Green: ACADVL stained by ACADVL antibody diluted at 1:500. Blue: Fluoroshield with DAPI. Scale bar= 10 μ m.



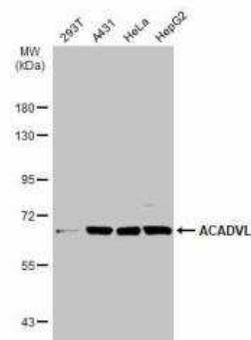
Immunohistochemistry-Paraffin: ACADVL Antibody [NBP2-15238] - Rat liver. ACADVL stained by ACADVL antibody [N1C1] diluted at 1:500. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min.



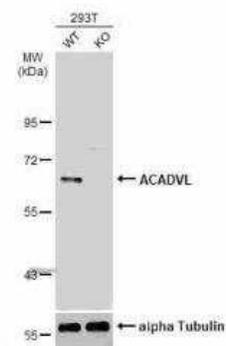
Western Blot: ACADVL Antibody [NBP2-15238] - Sample (50 μ g of whole cell lysate) A: mouse liver 7.5% SDS PAGE, antibody diluted at 1:3000.



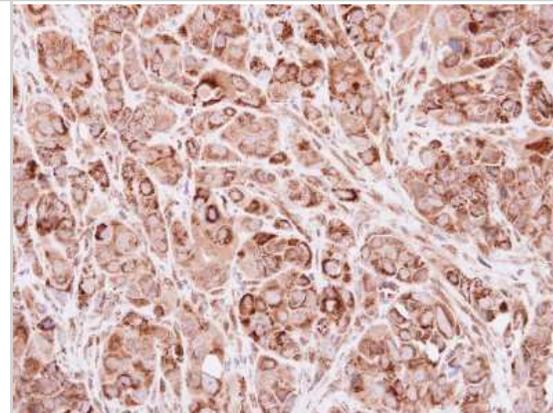
Western Blot: ACADVL Antibody [NBP2-15238] - Various whole cell extracts (30 μ g) were separated by 7.5% SDS-PAGE, and the membrane was blotted with ACADVL antibody diluted at 1:1000. HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



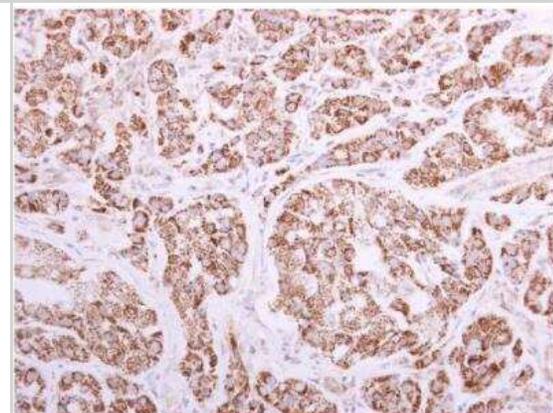
Western Blot: ACADVL Antibody [NBP2-15238] - Wild-type (WT) and ACADVL knockout (KO) 293T cell extracts (30 ug) were separated by 7.5% SDS-PAGE, and the membrane was blotted with ACADVL antibody diluted at 1:1000. HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



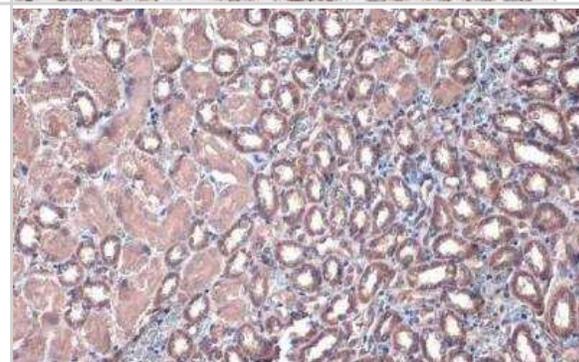
Immunohistochemistry-Paraffin: ACADVL Antibody [NBP2-15238] - H358 xenograft, using ACADVL antibody at 1:250 dilution. Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min.



Immunohistochemistry-Paraffin: ACADVL Antibody [NBP2-15238] - Human A549 xenograft. ACADVL antibody [N1C1] diluted at 1:500. Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min



Immunohistochemistry-Paraffin: ACADVL Antibody [NBP2-15238] - Mouse kidney. ACADVL stained by ACADVL antibody [N1C1] diluted at 1:500. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min.



Publications

Marumo T, Maduka CV, Ural E et al. Flavinated SDHA underlies the change in intrinsic optical properties of oral cancers Communications biology 2023-11-09 [PMID: 37945749] (ICC/IF, WB, Human)

Details:
1:500 dilution WB

Tcheng M, Roma A, Ahmed N et al. Very long chain fatty acid metabolism is required in acute myeloid leukemia Blood 2021-03-15 [PMID: 33720355]

Details:
Antibody used in co-immunoprecipitation





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Products Related to NBP2-15238

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP1-45324-0.05mg	Recombinant Human ACADVL His 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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