

Product Datasheet

ACADVL Antibody (5D3) - Azide and BSA Free H00000037-M01

Unit Size: 0.1 mg

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

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H00000037-M01

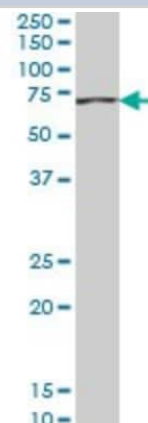
ACADVL Antibody (5D3) - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
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	Monoclonal
Clone	5D3
Preservative	No Preservative
Isotype	IgG2b Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Description	Quality control test: Antibody Reactive Against Recombinant Protein.
Host	Mouse
Gene ID	37
Gene Symbol	ACADVL
Species	Human, Mouse
Specificity/Sensitivity	ACADVL - acyl-Coenzyme A dehydrogenase, very long chain
Immunogen	ACADVL (NP_000009, 345 a.a. ~ 434 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. AAALAGTMRGIIAKAVDHATNRTQFGKEIHNFGLIQEKLARMVMLQYVTESMAY MVSANMDQGATDFQIEAAISKIFGSEAAWKVTDECI
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin
Application Notes	Antibody reactivity against cell lysate and recombinant protein for WB. It has also been used for IHC-P and ELISA.

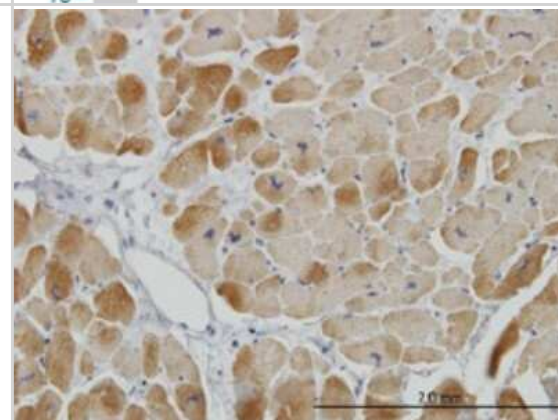


Images

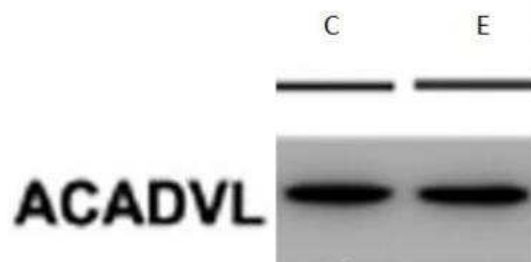
Western Blot: ACADVL Antibody (5D3) [H00000037-M01] - ACADVL monoclonal antibody (M01), clone 5D3 Analysis of ACADVL expression in Hela S3 NE.



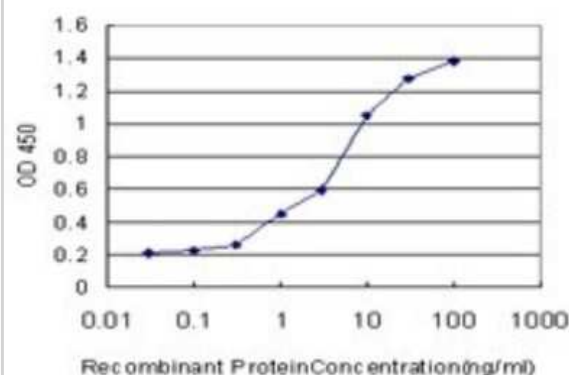
Immunohistochemistry-Paraffin: ACADVL Antibody (5D3) [H00000037-M01] - Analysis of monoclonal antibody to ACADVL on formalin-fixed paraffin-embedded human heart. Antibody concentration 3 ug/ml.



Western Blot: ACADVL Antibody (5D3) [H00000037-M01] - Alcohol feeding showed no significant effect on the expression of ACADVL in mouse liver. Image from verified customer review.



ELISA: ACADVL Antibody (5D3) [H00000037-M01] - Detection limit for recombinant GST tagged ACADVL is approximately 0.03ng/ml as a capture antibody.



Publications

De Pauw A, Demine S, Tejerina S et al. Mild mitochondrial uncoupling does not affect mitochondrial biogenesis but downregulates pyruvate carboxylase in adipocytes: role for triglyceride content reduction. *Am J Physiol Endocrinol Metab.* 2012-02-21 [PMID: 22354779]

Nouws J, Te Brinke H, Nijtmans LG, Houten SM. ACAD9, a complex I assembly factor with a moonlighting function in fatty acid oxidation deficiencies. *Hum Mol Genet.* 2013-11-06 [PMID: 24158852]





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Products Related to H00000037-M01

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43317-0.5mg	Mouse IgG2b Kappa Light Chain Isotype Control (MG2b)
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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