

# Product Datasheet

## HADH Antibody (4B5) - Azide and BSA Free H00003033-M01

Unit Size: 0.1 mg

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

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**H00003033-M01**

HADH Antibody (4B5) - 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	4B5
Preservative	No Preservative
Isotype	IgG2b Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4

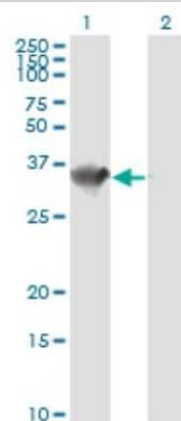
Product Description	
Description	Quality control test: Antibody Reactive Against Recombinant Protein.
Host	Mouse
Gene ID	3033
Gene Symbol	HADH
Species	Human
Specificity/Sensitivity	HADHSC - L-3-hydroxyacyl-Coenzyme A dehydrogenase, short chain
Immunogen	HADHSC (NP_005318, 205 a.a. ~ 314 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. GKHPVSCKDTPGFIVNRLLPYLMEAIRLYERGDASKEDIDTAMKLGAGYPMG PFELLDYVGLDTTKFIVDGWHEMDAENPLHQPSPLNKLVAENKFGKKTGEGF YKYK
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.

Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot 1:500, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Immunohistochemistry-Paraffin
Application Notes	Antibody reactivity against cell lysate and recombinant protein for WB. It has also been used for IF, IHC-P and ELISA.

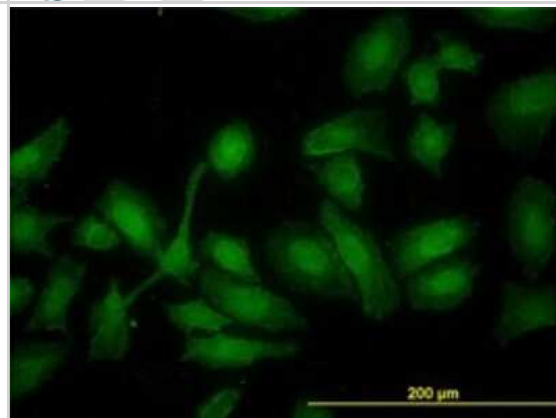


## Images

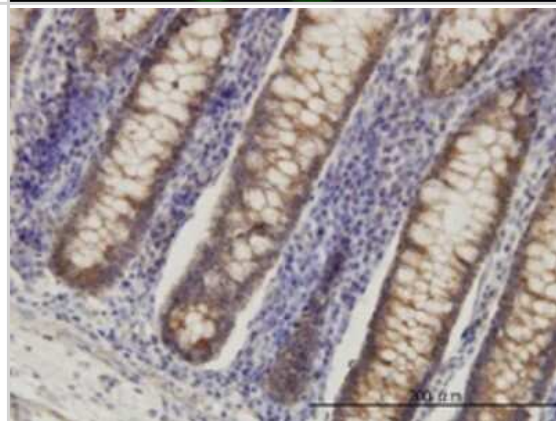
Western Blot: HADH Antibody (4B5) [H00003033-M01] - Analysis of HADH expression in transfected 293T cell line by HADHSC monoclonal antibody (M01), clone 4B5. Lane 1: HADH transfected lysate (34.3 KDa). Lane 2: Non-transfected lysate.



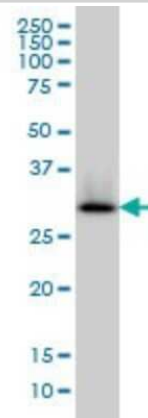
Immunocytochemistry/Immunofluorescence: HADH Antibody (4B5) [H00003033-M01] - Analysis of monoclonal antibody to HADHSC on HeLa cell. Antibody concentration 10 ug/ml.



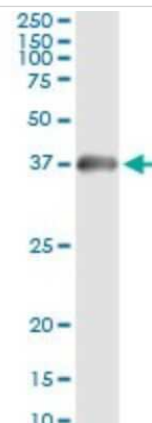
Immunohistochemistry-Paraffin: HADH Antibody (4B5) [H00003033-M01] - Analysis of monoclonal antibody to HADHSC on formalin-fixed paraffin-embedded human colon. Antibody concentration 3 ug/ml.



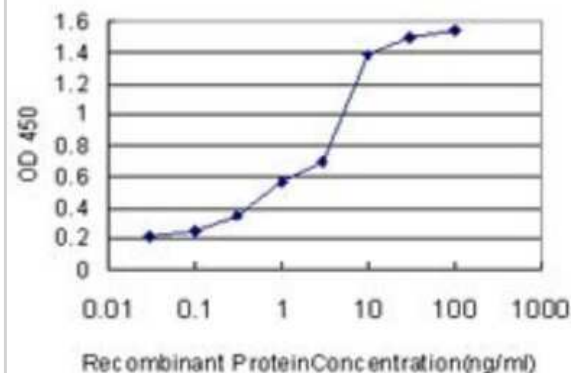
Western Blot: HADH Antibody (4B5) [H00003033-M01] - HADHSC monoclonal antibody (M01), clone 4B5 Analysis of HADHSC expression in HepG2.



Immunoprecipitation: HADH Antibody (4B5) [H00003033-M01] - Analysis of HADH transfected lysate using anti-HADH monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with HADH MaxPab rabbit polyclonal antibody.



ELISA: HADH Antibody (4B5) [H00003033-M01] - Detection limit for recombinant GST tagged HADHSC is approximately 0.03ng/ml as a capture antibody.



## Publications

Halbert D, Domenyuk V, Spetzler D et al. Aptamers and uses thereof United States Patent Application US 9958448 B2 2018-01-01

Tonjes M, Barbus S, Park YJ et al. BCAT1 promotes cell proliferation through amino acid catabolism in gliomas carrying wild-type IDH1. *Nat Med.* 2013-06-23 [PMID: 23793099]

Rosenkilde M, Reichkender MH, Auerbach P et al. Changes in peak fat oxidation in response to different doses of endurance training. *Scand J Med Sci Sports.* 2013-12-18 [PMID: 24350597]

Nordby P, Rosenkilde M, Ploug T et al. Independent effects of endurance training and weight loss on peak fat oxidation in moderately overweight men: a randomized controlled trial. *J Appl Physiol (1985).* 2015-04-01 [PMID: 25614598]



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### **Products Related to H00003033-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)
NBP1-41228	Recombinant Human HADH 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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