

# Product Datasheet

## HADH Antibody NBP2-16776

Unit Size: 0.1 ml

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

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**NBP2-16776****HADH Antibody****Product Information**

|                                |                                                                                                                  |
|--------------------------------|------------------------------------------------------------------------------------------------------------------|
| <b>Unit Size</b>               | 0.1 ml                                                                                                           |
| <b>Concentration</b>           | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services. |
| <b>Storage</b>                 | Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.                                                     |
| <b>Clonality</b>               | Polyclonal                                                                                                       |
| <b>Preservative</b>            | 0.01% Thimerosal                                                                                                 |
| <b>Isotype</b>                 | IgG                                                                                                              |
| <b>Purity</b>                  | Antigen Affinity-purified                                                                                        |
| <b>Buffer</b>                  | PBS (pH 7), 20% Glycerol, 1% BSA                                                                                 |
| <b>Target Molecular Weight</b> | 34 kDa                                                                                                           |

**Product Description**

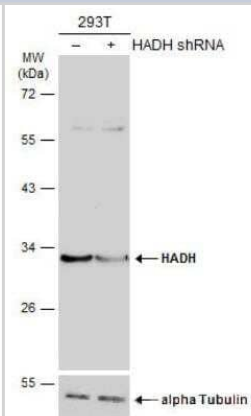
|                    |                                                                                                                                                                                               |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b> | Novus Biologicals Rabbit HADH Antibody (NBP2-16776) is a polyclonal antibody validated for use in IHC, WB, ICC/IF and IP. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| <b>Host</b>        | Rabbit                                                                                                                                                                                        |
| <b>Gene ID</b>     | 3033                                                                                                                                                                                          |
| <b>Gene Symbol</b> | HADH                                                                                                                                                                                          |
| <b>Species</b>     | Human, Mouse, Rat                                                                                                                                                                             |
| <b>Immunogen</b>   | Recombinant protein encompassing a sequence within the center region of human HADH. The exact sequence is proprietary.                                                                        |

**Product Application Details**

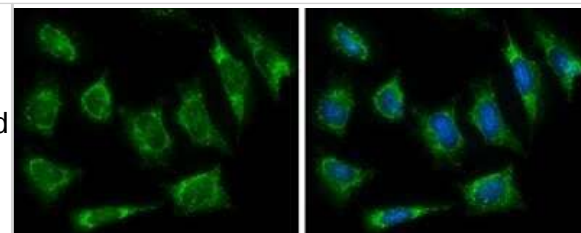
|                              |                                                                                                                                                                                               |
|------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Applications</b>          | Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunoprecipitation                                                                |
| <b>Recommended Dilutions</b> | Western Blot 1:500-1:3000, Immunohistochemistry 10 - 1:500, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunoprecipitation 1:100-1:500, Immunohistochemistry-Paraffin 1:100-1:1000 |

**Images**

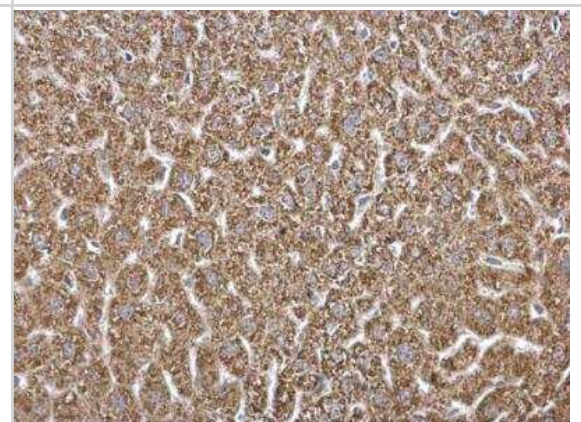
Western Blot: HADH Antibody [NBP2-16776] - Non-transfected (-) and transfected (+) 293T whole cell extracts (30 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with HADH antibody diluted at 1:1000. HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



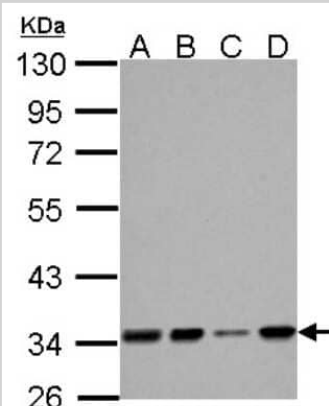
**Immunocytochemistry/Immunofluorescence:** HADH Antibody [NBP2-16776] - HADH antibody detects HADH protein at mitochondria by immunofluorescent analysis. Sample: HeLa cells were fixed in ice-cold MeOH for 5 min. Green: HADH protein stained by HADH antibody diluted at 1:500. Blue: Hoechst 33342 staining.



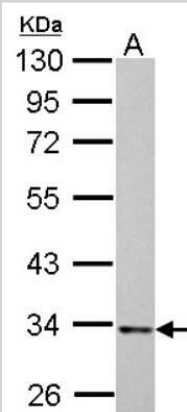
**Immunohistochemistry-Paraffin:** HADH Antibody [NBP2-16776] - HADH antibody detects HADH protein at mitochondria on mouse liver by immunohistochemical analysis. Sample: Paraffin-embedded mouse pancreas. HADH antibody dilution: 1:500.



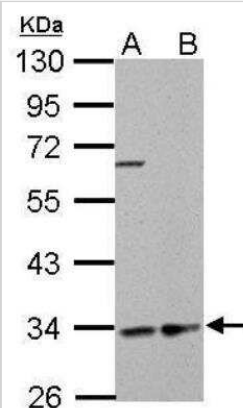
**Western Blot:** HADH Antibody [NBP2-16776] - A. 30 ug 293T whole cell lysate/extract B. 30 ug A431 whole cell lysate/extract C. 30 ug HeLa whole cell lysate/extract D. 30 ug HepG2 whole cell lysate/extract 10 % SDS-PAGE



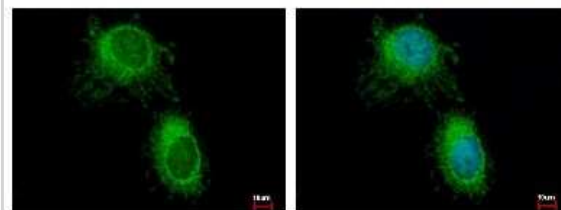
**Western Blot:** HADH Antibody [NBP2-16776] - 30 ug PC-12 whole cell lysate/extract 10 % SDS-PAGE HADH antibody dilution: 1:1000.



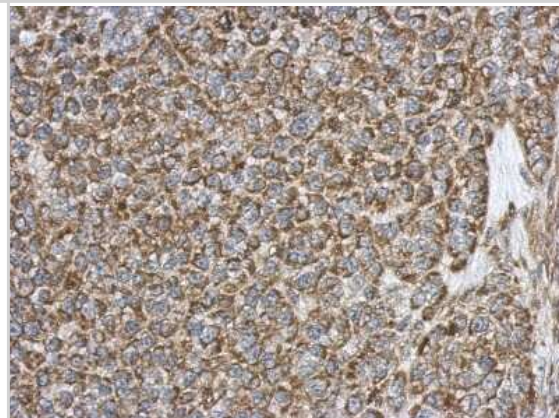
Western Blot: HADH Antibody [NBP2-16776] - HADH antibody detects HADH protein by Western blot analysis. A. 30 ug GL261 whole cell lysate/extract. B. 30 ug C8D30 whole cell lysate/extract. 10 % SDS-PAGE. HADH antibody dilution: 1:1000.



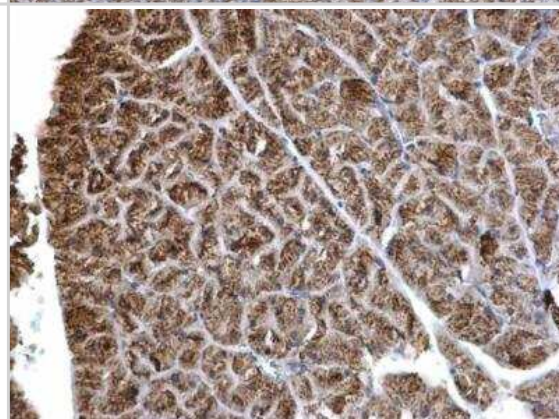
Immunocytochemistry/Immunofluorescence: HADH Antibody [NBP2-16776] - HeLa cells were fixed in 2% paraformaldehyde/culture medium at 37C for 30 min. Green: HADH protein stained by HADH antibody diluted at 1:500. Blue: Hoechst 33343 staining.



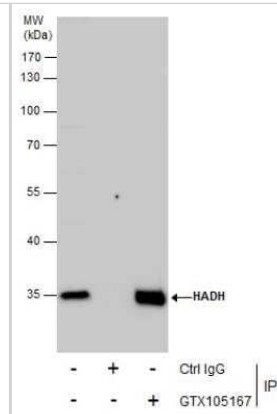
Immunohistochemistry-Paraffin: HADH Antibody [NBP2-16776] - Immunohistochemical analysis of paraffin-embedded Hela xenograft, using antibody at 1:500 dilution.



Immunohistochemistry-Paraffin: HADH Antibody [NBP2-16776] - HADH antibody detects HADH protein at mitochondria on mouse liver by immunohistochemical analysis. Sample: Paraffin-embedded mouse pancreas. HADH antibody dilution: 1:500.



Immunoprecipitation: HADH Antibody [NBP2-16776] -  
 Immunoprecipitation of HADH protein from HepG2 whole cell extracts  
 using 5 ug of HADH antibody. Western blot analysis was performed  
 using HADH antibody.





### **Novus Biologicals USA**

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
nb-customerservice@bio-techne.com

### **Bio-Techne Canada**

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

### **Bio-Techne Ltd**

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

### **General Contact Information**

[www.novusbio.com](http://www.novusbio.com)  
Technical Support: [nb-technical@bio-techne.com](mailto:nb-technical@bio-techne.com)  
Orders: [nb-customerservice@bio-techne.com](mailto:nb-customerservice@bio-techne.com)  
General: [novus@novusbio.com](mailto:novus@novusbio.com)

### **Products Related to NBP2-16776**

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|            |                                                     |
|------------|-----------------------------------------------------|
| HAF008     | Goat anti-Rabbit IgG Secondary Antibody [HRP]       |
| NB7160     | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP] |
| NBP2-24891 | Rabbit IgG Isotype Control                          |
| NBP1-41228 | Recombinant Human HADH His Protein                  |

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### **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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