

# Product Datasheet

## HADH Antibody (D10-E7-R)

### NBP3-32416

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP3-32416**

HADH Antibody (D10-E7-R)

Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	D10-E7-R
Preservative	0.05% Sodium Azide
Isotype	IgG1
Purity	Protein A purified
Buffer	PBS (pH7.4), 0.1% BSA and 40% Glycerol
Target Molecular Weight	34 kDa
Product Description	
Description	Novus Biologicals Mouse HADH Antibody (D10-E7-R) (NBP3-32416) is a recombinant monoclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	3033
Gene Symbol	HADH
Species	Human, Mouse, Rat
Immunogen	Synthetic peptide within Human HADH aa 265-314 / 314. (Uniprot: Q16836)
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:1000, Immunohistochemistry, Immunocytochemistry/Immunofluorescence 1:150, Immunohistochemistry-Paraffin 1:200-1:1:1000



## Images

Western Blot: HADH Antibody (D10-E7-R) [NBP3-32416] - Western blot analysis of HADH on different lysates with Mouse anti-HADH antibody (NBP3-32416) at 1/1,000 dilution.

Lane 1: HepG2 cell lysate (20 ug/Lane)  
 Lane 2: HT-29 cell lysate (20 ug/Lane)  
 Lane 3: HL-60 cell lysate (20 ug/Lane)  
 Lane 4: A431 cell lysate (20 ug/Lane)  
 Lane 5: K-562 cell lysate (20 ug/Lane)  
 Lane 6: Human liver tissue lysate (40 ug/Lane)  
 Lane 7: Mouse liver tissue lysate (40 ug/Lane)  
 Lane 8: Mouse heart tissue lysate (40 ug/Lane)  
 Lane 9: Rat liver tissue lysate (40 ug/Lane)  
 Lane 10: Rat heart tissue lysate (40 ug/Lane)

Predicted band size: 34 kDa  
 Observed band size: 34 kDa

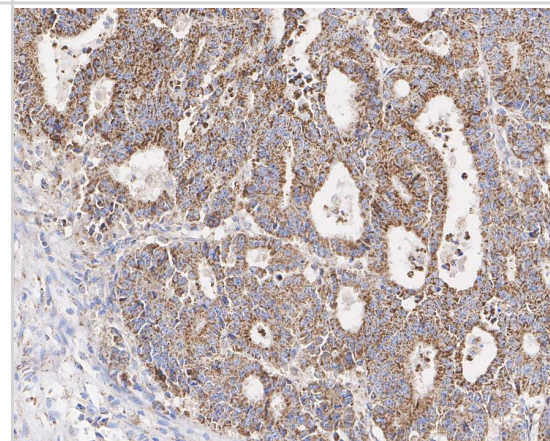
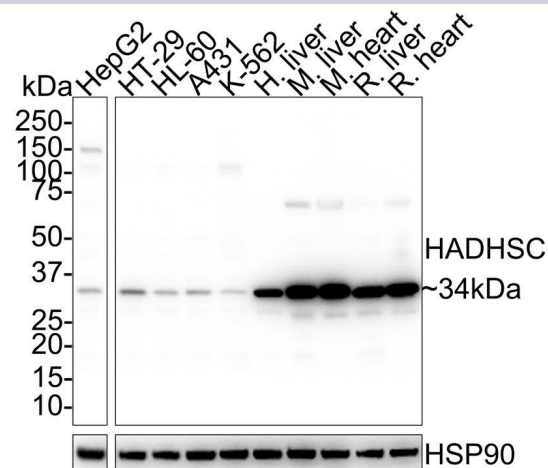
Exposure time: 24 seconds;

4-20% SDS-PAGE gel.

Proteins were transferred to a PVDF membrane and blocked with 5% NFDM/TBST for 1 hour at room temperature. The primary antibody (NBP3-32416) at 1/1,000 dilution was used in 5% NFDM/TBST at room temperature for 2 hours. Goat Anti-Mouse IgG - HRP Secondary Antibody at 1/50,000 dilution was used for 1 hour at room temperature.

Immunohistochemistry: HADH Antibody (D10-E7-R) [NBP3-32416] - Immunohistochemical analysis of paraffin-embedded human colon carcinoma tissue with Mouse anti-HADH antibody (NBP3-32416) at 1/200 dilution.

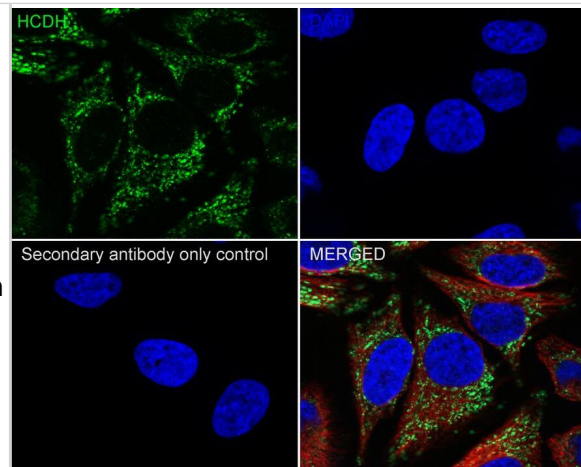
The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 20 minutes. The tissues were blocked in 1% BSA for 20 minutes at room temperature, washed with ddH<sub>2</sub>O and PBS, and then probed with the primary antibody (NBP3-32416) at 1/200 dilution for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



Immunocytochemistry/ Immunofluorescence: HADH Antibody (D10-E7-R) [NBP3-32416] - Immunocytochemistry analysis of HeLa cells labeling HADH with Mouse anti-HADH antibody (NBP3-32416) at 1/150 dilution.

Cells were fixed in 4% paraformaldehyde for 20 minutes at room temperature, permeabilized with 0.1% Triton X-100 in PBS for 5 minutes at room temperature, then blocked with 1% BSA in 10% negative goat serum for 1 hour at room temperature. Cells were then incubated with Mouse anti-HADH antibody (NBP3-32416) at 1/150 dilution in 1% BSA in PBST overnight at 4 °C. Goat Anti-Mouse IgG H&L (iFluor™ 488) was used as the secondary antibody at 1/1,000 dilution. PBS instead of the primary antibody was used as the secondary antibody only control. Nuclear DNA was labelled in blue with DAPI.

beta Tubulin (red) was stained at 1/100 dilution overnight at +4 °C. Goat Anti-Rabbit IgG H&L (iFluor™ 594) were used as the secondary antibody at 1/1,000 dilution.





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### **Products Related to NBP3-32416**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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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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