

# Product Datasheet

## NSDHL Antibody - BSA Free

### NBP1-83307

Unit Size: 0.1 ml

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

[www.novusbio.com](http://www.novusbio.com)



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#### Publications: 2

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**NBP1-83307**

NSDHL Antibody - BSA Free

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	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

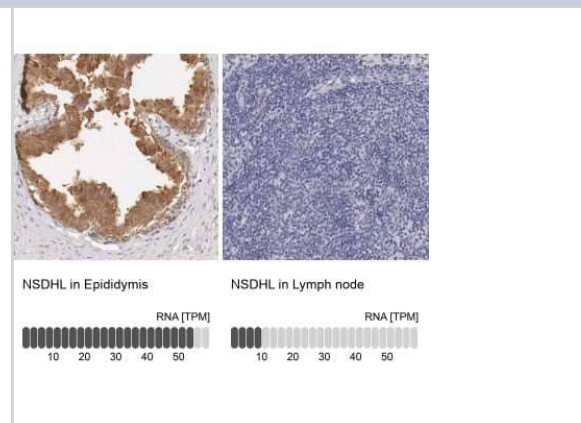
Product Description	
Description	Novus Biologicals Rabbit NSDHL Antibody - BSA Free (NBP1-83307) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-NSDHL Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	50814
Gene Symbol	NSDHL
Species	Human
Reactivity Notes	Reactivity reported in scientific literature (PMID: 19393779).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: MEPAVSEPMRDQVARTHLTEDTPKVNADIEKVNQNQAKRCTVIGGSGFLGQH MVEQLLARGYAVNVFDIQQGFDNPQVRFFLLGDLCSRQDLYPALKGVNTV FHCA SPPPSSNNKELFYRVNYIGT

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

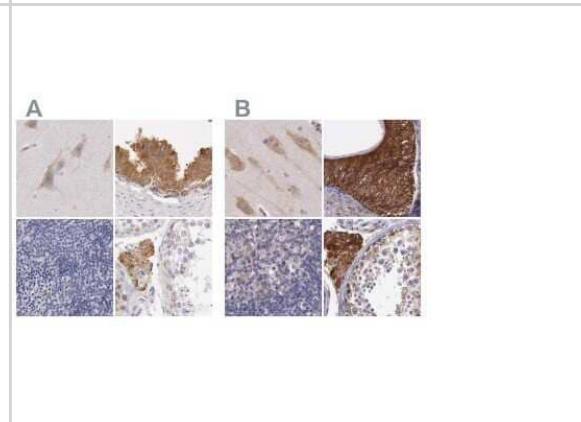


## Images

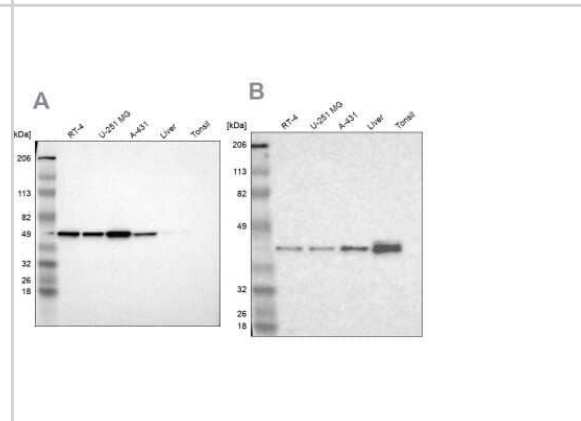
Immunohistochemistry-Paraffin: NSDHL Antibody [NBP1-83307] - Staining in human epididymis and lymph node tissues using anti-NSDHL antibody. Corresponding NSDHL RNA-seq data are presented for the same tissues.



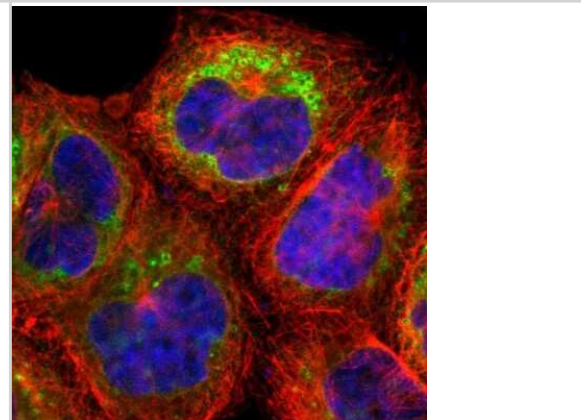
Immunohistochemistry-Paraffin: NSDHL Antibody [NBP1-83307] - Staining of human cerebral cortex, epididymis, lymph node and testis using Anti-NSDHL antibody NBP1-83307 (A) shows similar protein distribution across tissues to independent antibody NBP1-83306 (B).



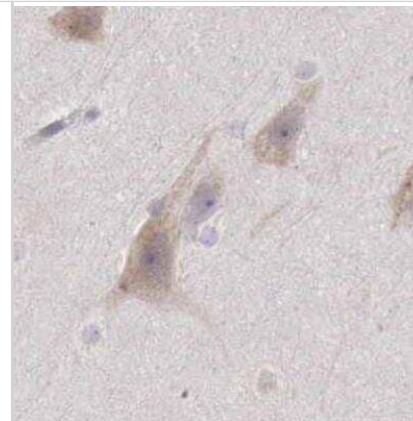
Western Blot: NSDHL Antibody [NBP1-83307] - Analysis using Anti-NSDHL antibody NBP1-83307 (A) shows similar pattern to independent antibody NBP1-83306 (B).



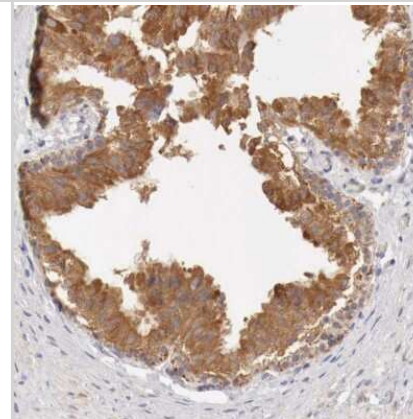
Immunocytochemistry/Immunofluorescence: NSDHL Antibody [NBP1-83307] - Staining of human cell line A-431 shows localization to endoplasmic reticulum & lipid droplets. Antibody staining is shown in green.



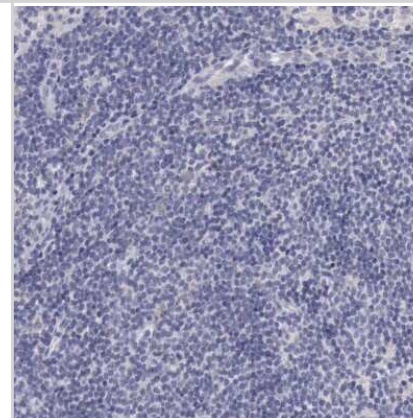
Immunohistochemistry-Paraffin: NSDHL Antibody [NBP1-83307] - Staining of human cerebral cortex using Anti-NSDHL antibody.



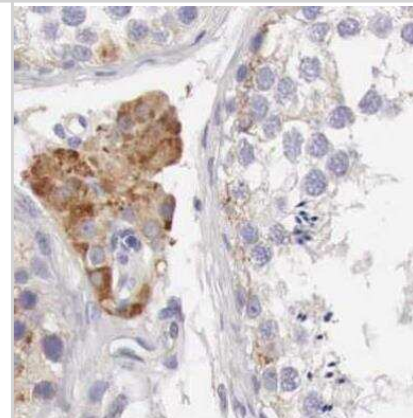
Immunohistochemistry-Paraffin: NSDHL Antibody [NBP1-83307] - Staining of human epididymis shows high expression.



Immunohistochemistry-Paraffin: NSDHL Antibody [NBP1-83307] - Staining of human lymph node shows low expression as expected.



Immunohistochemistry-Paraffin: NSDHL Antibody [NBP1-83307] - Staining of human testis using Anti-NSDHL antibody.



## Publications

Stadler C, Rexhepaj E, Singan VR et al. Immunofluorescence and fluorescent-protein tagging show high correlation for protein localization in mammalian cells. *Nat Methods* 2013-04-01 [PMID: 23435261]

Parent N, Winstall E, Beauchemin M et al. Proteomic analysis of enriched lysosomes at early phase of camptothecin-induced apoptosis in human U-937 cells. *J Proteomics* 2009-08-20 [PMID: 19393779]



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### **Products Related to NBP1-83307**

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NBP1-83307PEP	NSDHL Recombinant Protein Antigen
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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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