

# Product Datasheet

## DNAH7 Antibody - BSA Free

### NBP1-93613

Unit Size: 0.1 ml

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

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**NBP1-93613**

DNAH7 Antibody - BSA Free

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

**Product Description**

<b>Description</b>	Novus Biologicals Rabbit DNAH7 Antibody - BSA Free (NBP1-93613) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-DNAH7 Antibody: Cited in 4 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	56171
<b>Gene Symbol</b>	DNAH7
<b>Species</b>	Human, Mouse
<b>Reactivity Notes</b>	Mouse reactivity reported in the scientific literature (PMID: 29601588)
<b>Immunogen</b>	This antibody was developed against Recombinant Protein corresponding to amino acids: LKLRCERFVEELESYAKQSEEFYSFGDLQDVQRYLKKAQILNGKLDLAADKIEQ FNAEEEAFGWLPSVYPQRKKIQDGLNPYLRLYETAVEFSSNY

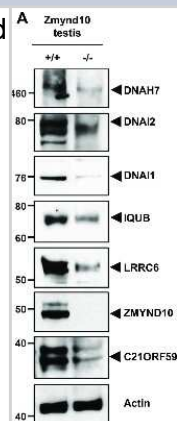
**Product Application Details**

<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot Reported in scientific literature (PMID: 29601588), Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence Reported in scientific literature (PMID: 23527195). , Immunohistochemistry-Paraffin 1:50 - 1:200
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

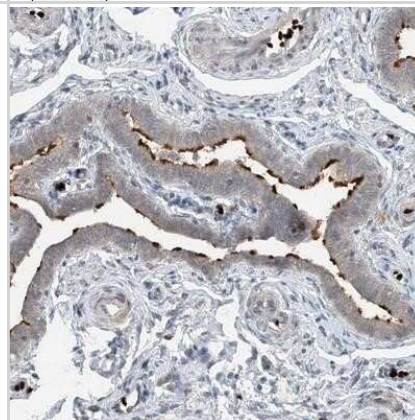


## Images

Western Blot: DNAH7 Antibody [NBP1-93613] - Dynein arm subunits and interaction partners of ZMYND10 were downregulated in Zmynd10<sup>-/-</sup> mice. Representative immunoblot analyses of DNAH7, DNAI2, DNAI1, IQUB, LRRC6, C21ORF59, and ZMYND10 in the testis extracts from Zmynd10<sup>+/+</sup> and Zmynd10<sup>-/-</sup> mice. Image collected and cropped by CiteAb from the following publication (<https://dx.plos.org/10.1371/journal.pgen.1007316>), licensed under a CC-BY license.



Immunohistochemistry-Paraffin: DNAH7 Antibody [NBP1-93613] - Staining of human fallopian tube shows positivity in cilia.



## Publications

Kim DY, Sub YJ, Kim HY et al. LRRC6 regulates biogenesis of motile cilia by aiding FOXJ1 translocation into the nucleus Cell communication and signaling : CCS 2023-06-16 [PMID: 37328841] (Western Blot, Mouse)

Cho KJ, Noh SH, Han SM et al. ZMYND10 stabilizes intermediate chain proteins in the cytoplasmic pre-assembly of dynein arms. PLoS Genet. 2018-03-30 [PMID: 29601588] (WB, Mouse)

Horani A, Ferkol TW, Shoseyov D et al. LRRC6 Mutation Causes Primary Ciliary Dyskinesia with Dynein Arm Defects. PLoS One 2013-01-01 [PMID: 23527195] (ICC/IF, Human)

Horani A, Druley TE, Zariwala MA et al. Whole-Exome Capture and Sequencing Identifies HEATR2 Mutation as a Cause of Primary Ciliary Dyskinesia Am J Hum Genet 2012-10-05 [PMID: 23040496] (ICC/IF, Human)



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### **Products Related to NBP1-93613**

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NBP1-93613PEP	DNAH7 Recombinant Protein Antigen
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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