

# Product Datasheet

## DNAH5 Antibody - BSA Free

### NBP1-84463

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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**NBP1-84463**

DNAH5 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**

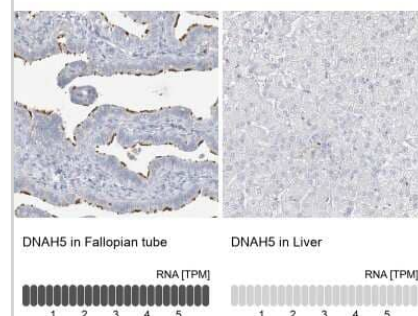
<b>Host</b>	Rabbit
<b>Gene ID</b>	1767
<b>Gene Symbol</b>	DNAH5
<b>Species</b>	Human
<b>Reactivity Notes</b>	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (83%), Rat (83%). Reactivity reported in scientific literature (PMID: 24203976)
<b>Immunogen</b>	This antibody was developed against Recombinant Protein corresponding to amino acids: EVEDAILEGNQIERIDQLFAVGGLRHLMFYYQDVEEAETGQLGSLGGVNLVSG KIKKPKVVFVTEGNDVALTGVCVFFIRTDPSKAITPD

**Product Application Details**

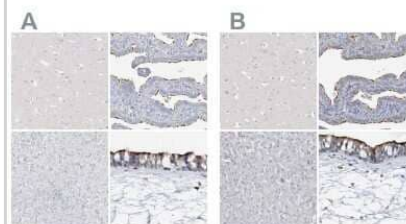
<b>Applications</b>	Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
<b>Recommended Dilutions</b>	Immunohistochemistry 1:500 - 1:1000, Immunoprecipitation, Immunohistochemistry-Paraffin 1:500 - 1:1000
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended. IP reported in scientific literature (PMID: 25232951).

**Images**

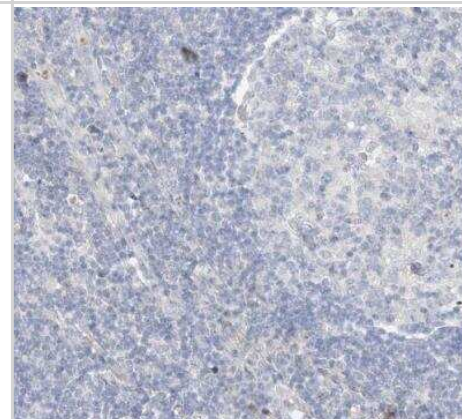
Immunohistochemistry-Paraffin: DNAH5 Antibody [NBP1-84463] - Analysis in human fallopian tube and liver tissues. Corresponding DNAH5 RNA-seq data are presented for the same tissues.



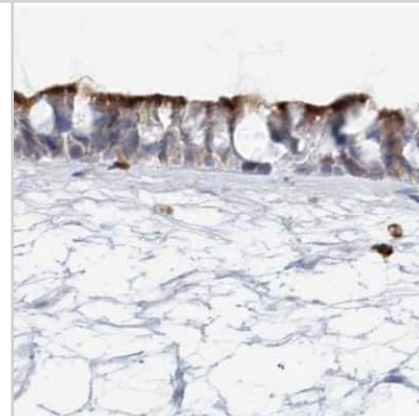
Immunohistochemistry-Paraffin: DNAH5 Antibody [NBP1-84463] - Staining of human cerebral cortex, fallopian tube, liver and nasopharynx using Anti-DNAH5 antibody NBP1-84463 (A) shows similar protein distribution across tissues to independent antibody NBP1-84464 (B).



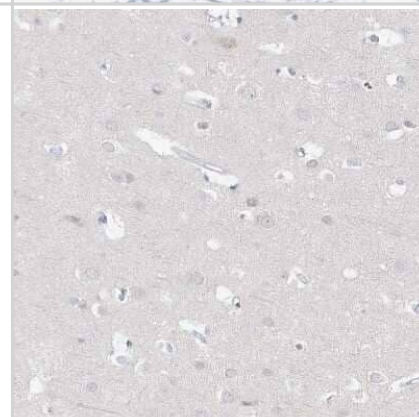
Immunohistochemistry-Paraffin: DNAH5 Antibody [NBP1-84463] - Staining of human lymph node shows no positivity as expected.



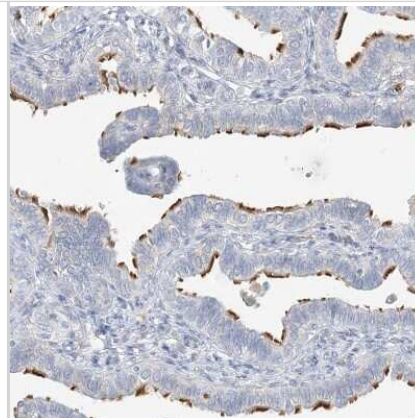
Immunohistochemistry-Paraffin: DNAH5 Antibody [NBP1-84463] - Staining of human nasopharynx.



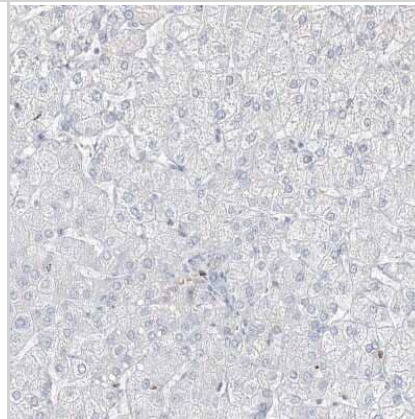
Immunohistochemistry-Paraffin: DNAH5 Antibody [NBP1-84463] - Staining of human cerebral cortex shows no positivity in neurons as expected.



Immunohistochemistry-Paraffin: DNAH5 Antibody [NBP1-84463] - Staining of human Fallopian tube shows strong positivity in cilia in glandular cells.



Immunohistochemistry-Paraffin: DNAH5 Antibody [NBP1-84463] - Staining of human liver shows no positivity in hepatocytes as expected.



## Publications

Diggle CP, Moore DJ, Mali G et al. HEATR2 Plays a Conserved Role in Assembly of the Ciliary Motile Apparatus. PLoS Genet. 2014-09-18 [PMID: 25232951] (IP, Human)

Onoufriadis A, Shoemark A, Schmidts M et al. Targeted NGS gene panel identifies mutations in RSPH1 causing primary ciliary dyskinesia and a common mechanism for ciliary central pair agenesis due to radial spoke defects. Hum Mol Genet 2014-07-01 [PMID: 24518672]

Onoufriadis A, Shoemark A, Munye MM et al. Combined exome and whole-genome sequencing identifies mutations in ARMC4 as a cause of primary ciliary dyskinesia with defects in the outer dynein arm. J Med Genet 2014-01-01 [PMID: 24203976]



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### **Products Related to NBP1-84463**

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NBP1-84463PEP	DNAH5 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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