

# Product Datasheet

## DNAI1 Antibody - BSA Free

### NBP1-84466

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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Updated 12/2/2025 v.20.1

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**NBP1-84466**

DNAI1 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

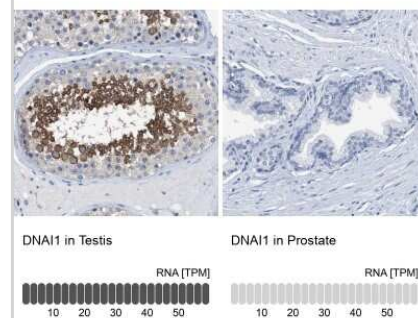
Product Description	
Description	Novus Biologicals Rabbit DNAI1 Antibody - BSA Free (NBP1-84466) is a polyclonal antibody validated for use in IHC and WB. Anti-DNAI1 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	27019
Gene Symbol	DNAI1
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (86%), Rat (80%). Reactivity reported in scientific literature (PMID: 24298994)
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: APHKQPHKQSISIGRGTRKRDEDSGTEVGEGTDEWAQSKATVRPPDQLELTD AELKEEFTRILTANNPHAPQNIVRYSFKEGTYKPIGFVNQLAVHYTQV

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:500 - 1:1000, Immunohistochemistry-Paraffin 1:500 - 1:1000
Application Notes	WB reported in scientific literature (PMID: 25700162). For IHC-Paraffin, HIER pH 6 retrieval is recommended.

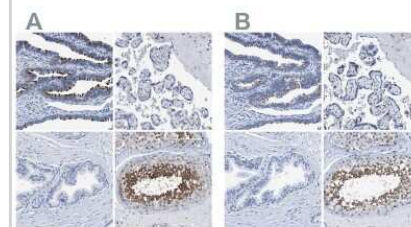


## Images

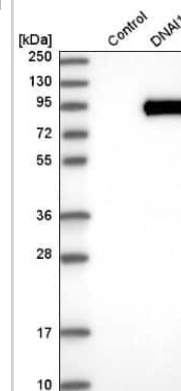
Immunohistochemistry-Paraffin: DNAI1 Antibody [NBP1-84466] - Staining in human testis and prostate tissues using NBP1-84466 antibody. Corresponding DNAI1 RNA-seq data are presented for the same tissues.



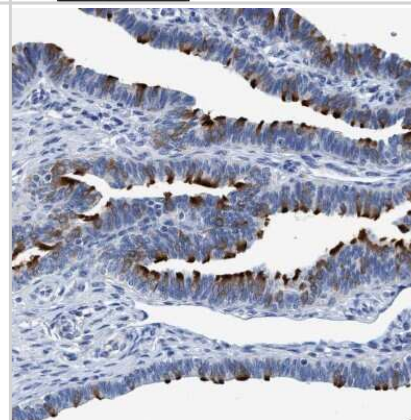
Immunohistochemistry-Paraffin: DNAI1 Antibody [NBP1-84466] - Staining of human fallopian tube, placenta, prostate and testis using Anti-DNAI1 antibody NBP1-84466 (A) shows similar protein distribution across tissues to independent antibody NBP1-84465 (B).



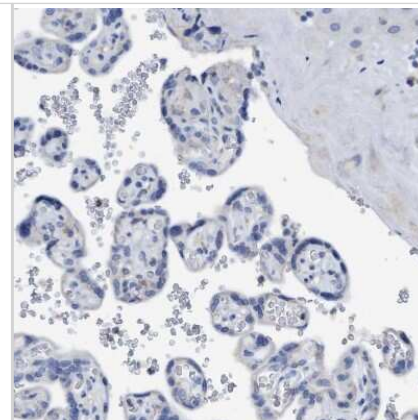
Western Blot: DNAI1 Antibody [NBP1-84466] - Analysis in control (vector only transfected HEK293T lysate) and dNAI1 over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (3.1 kDa) in mammalian HEK293T cells).



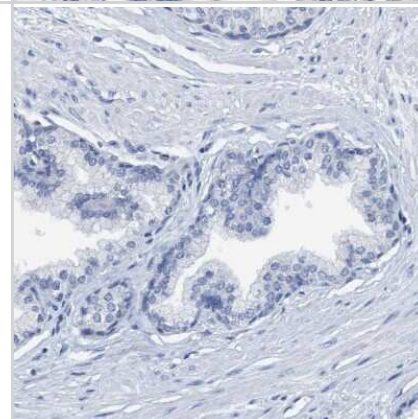
Immunohistochemistry-Paraffin: DNAI1 Antibody [NBP1-84466] - Staining of human Fallopian tube shows strong positivity in cilia in glandular cells.



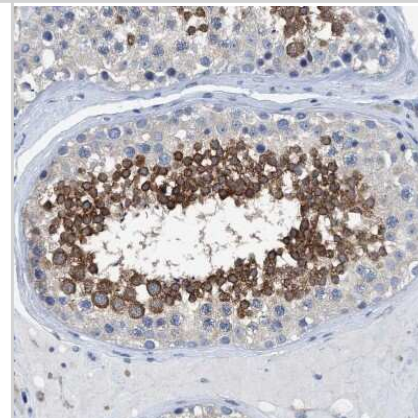
Immunohistochemistry-Paraffin: DNAI1 Antibody [NBP1-84466] - Staining of human placenta shows no positivity in trophoblastic cells as expected.



Immunohistochemistry-Paraffin: DNAI1 Antibody [NBP1-84466] - Staining of human prostate shows no positivity in glandular cells as expected.



Immunohistochemistry-Paraffin: DNAI1 Antibody [NBP1-84466] - Staining of human testis shows strong cytoplasmic positivity in cells in seminiferous ducts.



## Publications

Gomi K, Arbelaez V, Crystal RG, Walters MS. Activation of NOTCH1 or NOTCH3 Signaling Skews Human Airway Basal Cell Differentiation toward a Secretory Pathway. PLoS One. 2015-02-20 [PMID: 25700162] (WB, Human)

Walters MS, Gomi K, Ashbridge B et al. Generation of a human airway epithelium derived basal cell line with multipotent differentiation capacity. Respir Res 2013-12-03 [PMID: 24298994]



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### Products Related to NBP1-84466

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NBP1-84466PEP	DNAI1 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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