

# Product Datasheet

## DENND5B Antibody - BSA Free

### NBP2-31971

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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**NBP2-31971**

DENND5B 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**

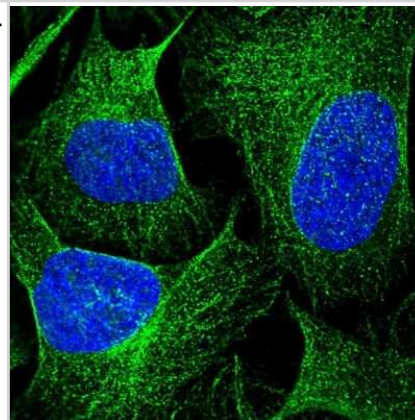
<b>Host</b>	Rabbit
<b>Gene ID</b>	160518
<b>Gene Symbol</b>	DENND5B
<b>Species</b>	Human
<b>Reactivity Notes</b>	Rat (88%).
<b>Immunogen</b>	This antibody was developed against a recombinant protein corresponding to amino acids: FIWDFIEKVVAYFETTDQILDNEDDVLIQSSCKTFCHYVNAINTAPRNIGK

**Product Application Details**

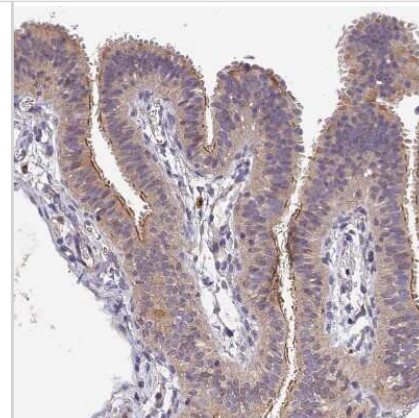
<b>Applications</b>	Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:50 - 1:200
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

**Images**

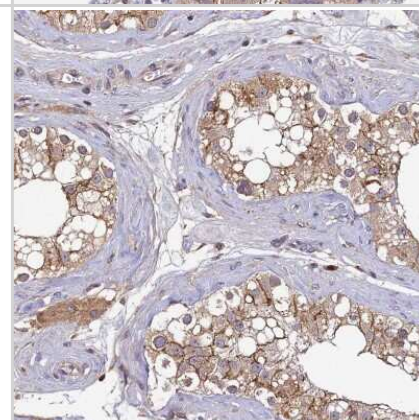
Immunocytochemistry/Immunofluorescence: DENND5B Antibody [NBP2-31971] - Staining of human cell line U-2 OS shows localization to nucleoli & microtubules. Antibody staining is shown in green.



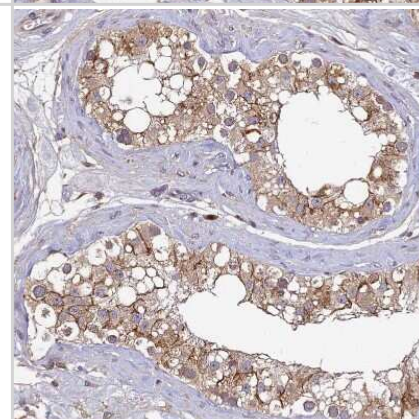
Immunohistochemistry-Paraffin: DENND5B Antibody [NBP2-31971] - Staining of human fallopian tube shows moderate cytoplasmic positivity in glandular cells.



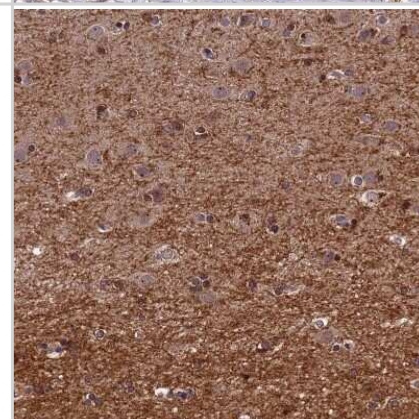
Immunohistochemistry-Paraffin: DENND5B Antibody [NBP2-31971] - Staining of human testis shows moderate cytoplasmic and membranous positivity in cells in seminiferous ducts.



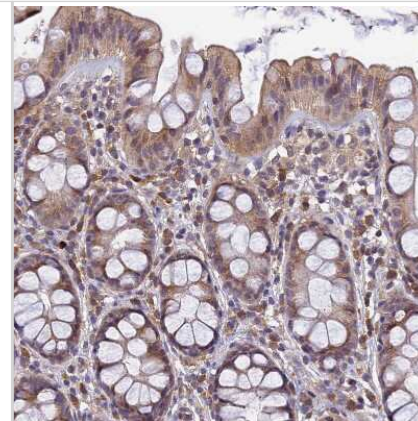
Immunohistochemistry-Paraffin: DENND5B Antibody [NBP2-31971] - Staining of human testis shows moderate membranous and cytoplasmic positivity in cells in seminiferous ducts.



Immunohistochemistry-Paraffin: DENND5B Antibody [NBP2-31971] - Staining of human cerebral cortex shows strong positivity in neuropil.



Immunohistochemistry-Paraffin: DENND5B Antibody [NBP2-31971] - Staining of human rectum shows moderate cytoplasmic positivity in glandular cells.



## Publications

Huang Y, Zhu Y, He W Et al. Altered expression of DENND5B in patients with epilepsy and its regulation of seizures in mice Epilepsy research 2021-11-17 [PMID: 34837825] (WB, IHC-Fr, Mouse)

Stadnicka K, Debowska M, Debski J, Bajek A. Secreting oviduct epithelial cells of *Coturnix coturnix japonica* (QOEC) and changes to their proteome after nonviral transfection J. Cell. Biochem. Mar 10 2019 12:00AM [PMID: 30854717] (WB, Avian)



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### **Products Related to NBP2-31971**

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NBP2-31971PEP	DENND5B 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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