

# Product Datasheet

## Dopamine beta-Hydroxylase Antibody - BSA Free NBP2-55677

Unit Size: 100 ul

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

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**NBP2-55677**

Dopamine beta-Hydroxylase Antibody - BSA Free

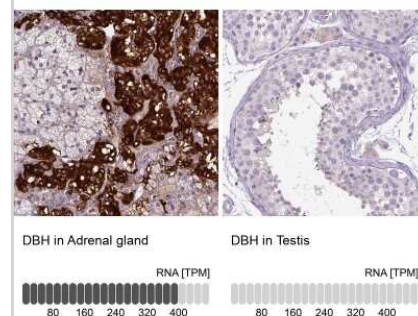
Product Information	
Unit Size	100 ul
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description	
Description	Novus Biologicals Rabbit Dopamine beta-Hydroxylase Antibody - BSA Free (NBP2-55677) is a polyclonal antibody validated for use in IHC. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	1621
Gene Symbol	DBH
Species	Human
Immunogen	This antibody was developed against a recombinant protein corresponding to the following amino acid sequence: VQRTPEGLTLLFKRPFGTCDPKDYLIEDGTVHLVYGILEEPFRSLEAINGSGQLQM GLQRVQLLKPNIPPELPSEDACTMEVQAPNIQIPSQETTYWCYIKELPKGFSRH HIIKYEPIVTKGN

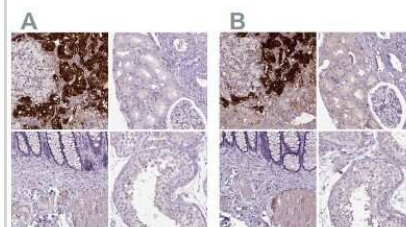
Product Application Details	
Applications	Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Immunohistochemistry 1:200 - 1:500, Immunohistochemistry-Paraffin 1:200 - 1:500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

**Images**

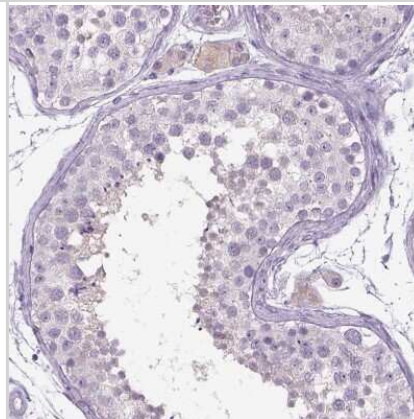
Immunohistochemistry-Paraffin: Dopamine beta-Hydroxylase Antibody [NBP2-55677] - Analysis in human adrenal gland and testis tissues. Corresponding Dopamine beta-Hydroxylase RNA-seq data are presented for the same tissues.



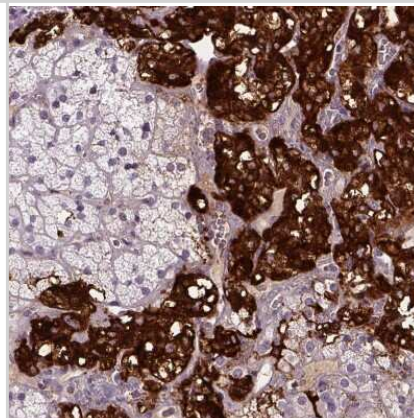
Immunohistochemistry-Paraffin: Dopamine beta-Hydroxylase Antibody [NBP2-55677] - Staining of human adrenal gland, kidney, lower gastrointestinal and testis using Anti-Dopamine beta-Hydroxylase antibody NBP2-55677 (A) shows similar protein distribution across tissues to independent antibody NBP2-57836 (B).



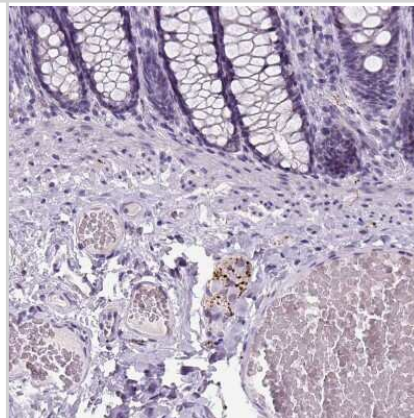
Immunohistochemistry-Paraffin: Dopamine beta-Hydroxylase Antibody [NBP2-55677] - Staining of human testis shows no positivity in cells in seminiferous ducts as expected.



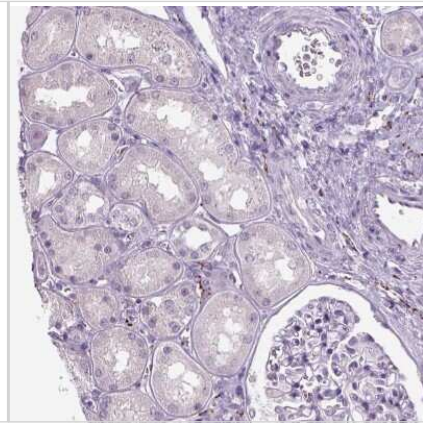
Immunohistochemistry-Paraffin: Dopamine beta-Hydroxylase Antibody [NBP2-55677] - Staining of human adrenal gland shows strong cytoplasmic positivity in glandular cells.



Immunohistochemistry-Paraffin: Dopamine beta-Hydroxylase Antibody [NBP2-55677] - Staining of human colon shows strong cytoplasmic positivity in peripheral ganglion.



Immunohistochemistry-Paraffin: Dopamine beta-Hydroxylase Antibody [NBP2-55677] - Staining of human kidney shows no weak positivity in cells in tubules as expected.





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### **Products Related to NBP2-55677**

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NBP2-55677PEP	Dopamine beta-Hydroxylase 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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