

# Product Datasheet

## VMAT1/SLC18A1 Antibody - BSA Free NBP2-58895

Unit Size: 100 ul

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

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### Publications: 1

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Updated 2/23/2025 v.20.1

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**NBP2-58895**

VMAT1/SLC18A1 Antibody - BSA Free

**Product Information**

<b>Unit Size</b>	100 ul
<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>	Affinity purified
<b>Buffer</b>	PBS (pH 7.2) and 40% Glycerol

**Product Description**

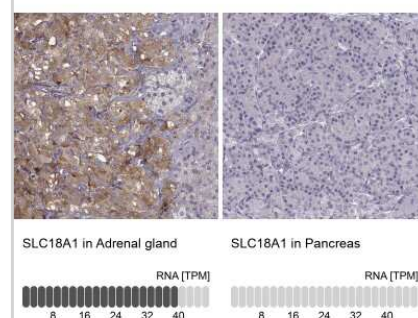
<b>Host</b>	Rabbit
<b>Gene ID</b>	6570
<b>Gene Symbol</b>	SLC18A1
<b>Species</b>	Human
<b>Immunogen</b>	This antibody was developed against a recombinant protein corresponding to the following amino acid sequence: PTFLYDMEFKEVNSSLHLGHAGSSPHALASPAFSTIFSFFNNNTVAVEESVPSG IAWMNDTASTIPPPATEAISAHKNNCLQGTGFLEEEI

**Product Application Details**

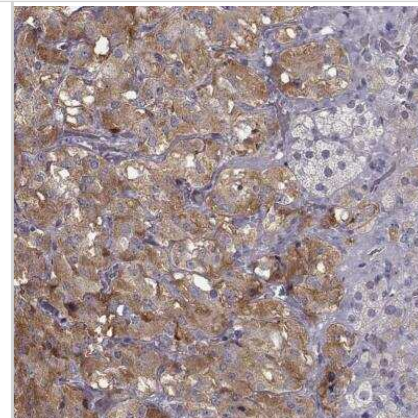
<b>Applications</b>	Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Immunohistochemistry 1:500 - 1:1000, Immunohistochemistry-Paraffin 1:500 - 1:1000
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

**Images**

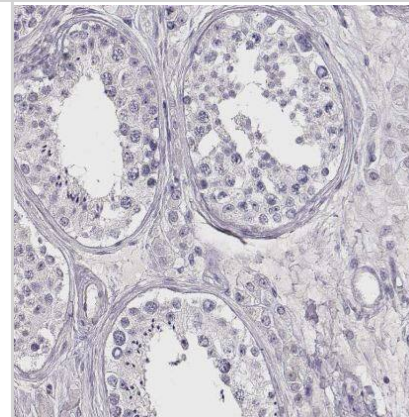
Immunohistochemistry-Paraffin: VMAT1/SLC18A1 Antibody [NBP2-58895] - Analysis in human adrenal gland and pancreas tissues using NBP2-58895 antibody. Corresponding VMAT1/SLC18A1 RNA-seq data are presented for the same tissues.



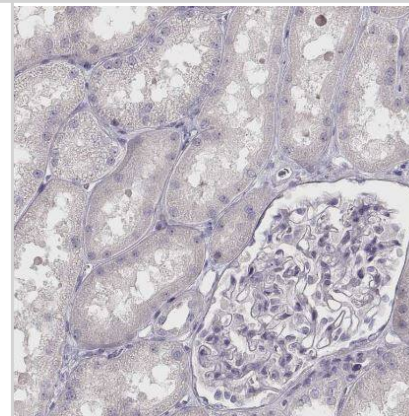
Immunohistochemistry-Paraffin: VMAT1/SLC18A1 Antibody [NBP2-58895] - Staining of human adrenal gland shows high expression.



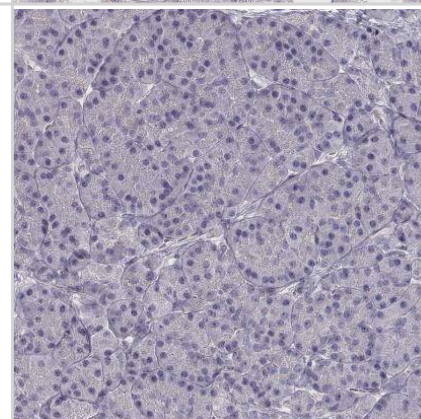
Immunohistochemistry-Paraffin: VMAT1/SLC18A1 Antibody [NBP2-58895] -Staining of human testis shows no positivity in cells in seminiferous ducts as expected.



Immunohistochemistry-Paraffin: VMAT1/SLC18A1 Antibody [NBP2-58895] -Staining of human kidney shows no positivity in cells in tubules as expected.



Immunohistochemistry-Paraffin: VMAT1/SLC18A1 Antibody [NBP2-58895] -Staining of human pancreas shows no expression in exocrine glandular cells as expected.



## Publications

Wu HF, Art J, Saini T et Al. Protocol for generating postganglionic sympathetic neurons using human pluripotent stem cells for electrophysiological and functional assessments STAR Protoc 2024-03-21 [PMID: 38517897]



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### **Products Related to NBP2-58895**

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NBP2-58895PEP	VMAT1/SLC18A1 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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