

Product Datasheet

VMAT2 Antibody NB100-1479

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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NB100-1479**VMAT2 Antibody**

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA
Target Molecular Weight	56 kDa

Product Description	
Host	Goat
Gene ID	6571
Gene Symbol	SLC18A2
Species	Human, Rat
Reactivity Notes	Rat reactivity reported in scientific literature (PMID: 30567483).
Immunogen	Peptide with sequence C-SYPIGEDEESESD corresponding to C-Terminus according to NP_003045.2.

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Peptide ELISA
Recommended Dilutions	Western Blot 1 - 3 ug/mL, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin 5 - 6 ug/ml, Peptide ELISA Detection limit 1:8000
Application Notes	ICC/IF reactivity reported in scientific literature (PMID: 30567483).

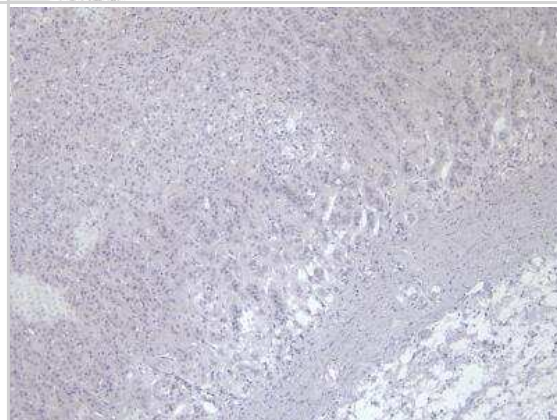


Images

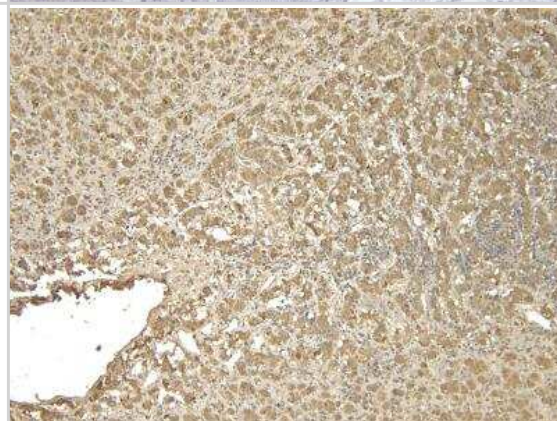
Western Blot: VMAT2 Antibody [NB100-1479] - (2ug/ml) staining of Human Adrenal Gland lysate (35ug protein in RIPA buffer). Detected by chemiluminescence.

250kDa
150kDa
100kDa
75kDa
50kDa
37kDa
25kDa
20kDa
15kDa

Immunohistochemistry: VMAT2 Antibody [NB100-1479] - Negative Control showing staining of paraffin embedded Human Adrenal Gland, with no primary antibody.



Immunohistochemistry: VMAT2 Antibody [NB100-1479] - (6ug/ml) staining of paraffin embedded Human Adrenal Gland. Heat induced antigen retrieval with citrate buffer pH 6, HRP-staining.



Publications

Ahmad MF, Ferland D, Ayala-Lopez N et al. Perivascular Adipocytes Store Norepinephrine by Vesicular Transport Arterioscler. Thromb. Vasc. Biol. 2018-12-20 [PMID: 30567483] (ICC/IF, Rat)

Erickson JD, Eiden LE, Hoffman BJ. Expression cloning of a reserpine-sensitive vesicular monoamine transporter. Proc Natl Acad Sci U S A 1992-11-15 [PMID: 1438304]



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Products Related to NB100-1479

HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control
H00006571-Q01-10ug	Recombinant Human VMAT2 GST (N-Term) Protein

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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