

Product Datasheet

VIAAT/SLC32A1/VGAT Antibody (HL1616) - Azide and BSA Free NBP3-25743

Unit Size: 100 ul

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

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NBP3-25743

VIAAT/SLC32A1/VGAT Antibody (HL1616) - Azide and BSA Free

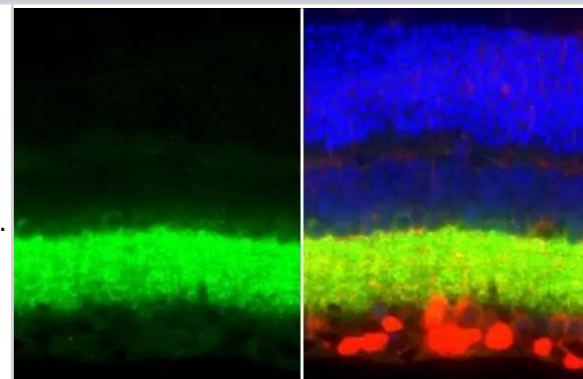
Product Information	
Unit Size	100 ul
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	HL1616
Preservative	No Preservative
Isotype	IgG
Purity	Protein A purified
Buffer	PBS

Product Description	
Description	Novus Biologicals Rabbit VIAAT/SLC32A1/VGAT Antibody (HL1616) - Azide and BSA Free (NBP3-25743) is a recombinant monoclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	140679
Gene Symbol	SLC32A1
Species	Human, Mouse, Rat
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Xenopus (80%).
Immunogen	Recombinant protein encompassing a sequence within the center region of human VIAAT/SLC32A1/VGAT. The exact sequence is proprietary.

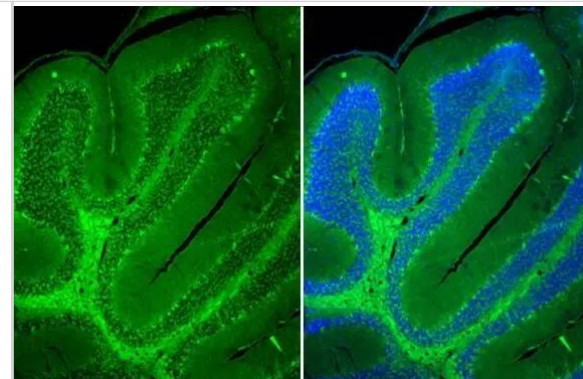
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen
Recommended Dilutions	Western Blot, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin 1:100-1:1000, Immunohistochemistry-Frozen

Images

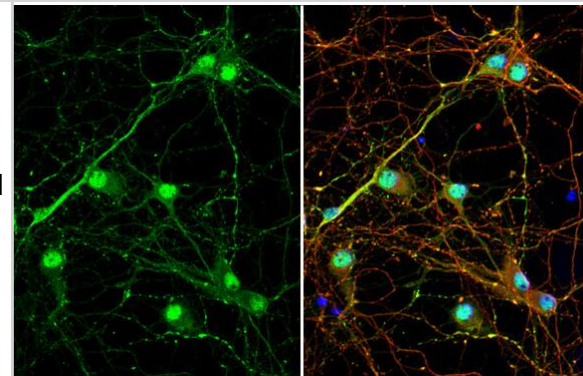
Immunohistochemistry-Paraffin: VIAAT/SLC32A1/VGAT Antibody (HL1616) - Azide and BSA Free [NBP3-25743] - VGAT antibody [HL1616] detects VGAT protein by immunohistochemical analysis. Sample: Paraffin-embedded mouse eye. Green: VGAT stained by VGAT antibody [HL1616] (NBP3-25743) diluted at 1:100. Red: beta Tubulin 3/ Tuj1, a Cytoskeleton marker, stained by beta Tubulin 3/ Tuj1 antibody [GT11710] (NBP2-43559) diluted at 1:500. Blue: Fluoroshield with DAPI. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



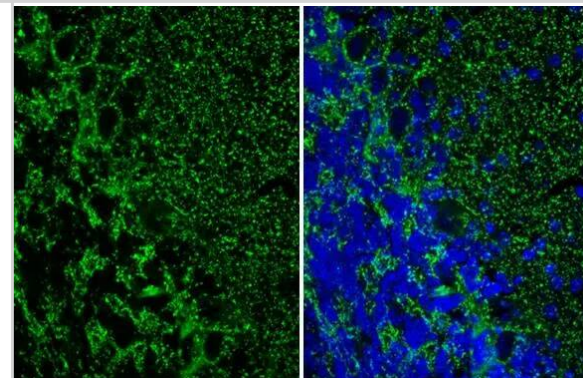
Immunohistochemistry-Paraffin: VIAAT/SLC32A1/VGAT Antibody (HL1616) - Azide and BSA Free [NBP3-25743] - VGAT antibody [HL1616] detects VGAT protein by immunohistochemical analysis. Sample: Paraffin-embedded mouse brain. Green: VGAT stained by VGAT antibody [HL1616] (NBP3-25743) diluted at 1:100. Red: NF-H, a Cytoplasm marker, stained by NF-H antibody [GT114] diluted at 1:500. Blue: Fluoroshield with DAPI . Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



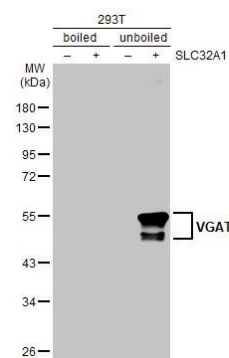
Immunocytochemistry/Immunofluorescence: VIAAT/SLC32A1/VGAT Antibody (HL1616) - Azide and BSA Free [NBP3-25743] - VGAT antibody [HL1616] detects VGAT protein at nucleus and cytoskeleton by immunofluorescent analysis. Sample: DIV9 rat E18 primary cortical neuron cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: VGAT stained by VGAT antibody [HL1616] (NBP3-25743) diluted at 1:250. Red: Tau, an axon marker, stained by Tau antibody [GT287] diluted at 1:500. Blue: Fluoroshield with DAPI .



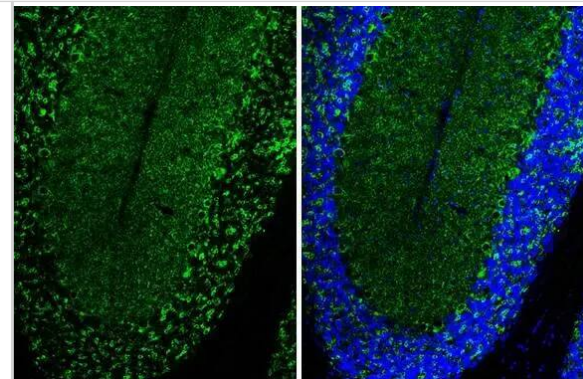
Immunohistochemistry-Frozen: VIAAT/SLC32A1/VGAT Antibody (HL1616) - Azide and BSA Free [NBP3-25743] - VGAT antibody [HL1616] detects VGAT protein at cell membrane by immunohistochemical analysis. Sample: Frozen-sectioned mouse cerebellum. Green: VGAT stained by VGAT antibody [HL1616] (NBP3-25743) diluted at 1:100. Blue: Fluoroshield with DAPI .



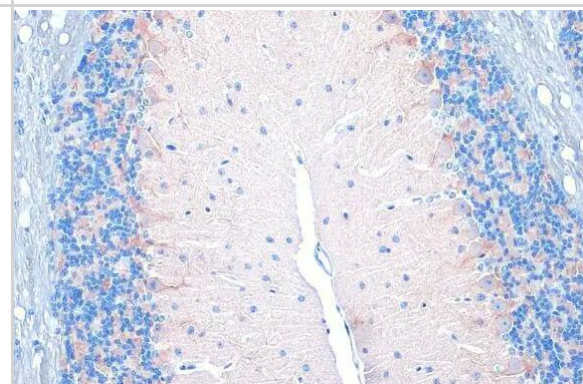
Western Blot: VIAAT/SLC32A1/VGAT Antibody (HL1616) - Azide and BSA Free [NBP3-25743] - Non-transfected (-) and transfected (+) Boiled and unboiled 293T whole cell extracts (30 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with VGAT antibody [HL1616] (NBP3-25743) diluted at 1:50000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



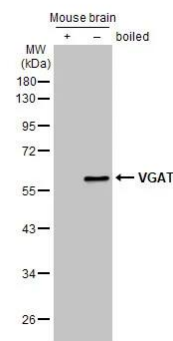
Immunohistochemistry-Frozen: VIAAT/SLC32A1/VGAT Antibody (HL1616) - Azide and BSA Free [NBP3-25743] - VGAT antibody [HL1616] detects VGAT protein by immunohistochemical analysis. Sample: Frozen-sectioned mouse cerebellum. Green: VGAT stained by VGAT antibody [HL1616] (NBP3-25743) diluted at 1:100.



Immunohistochemistry-Paraffin: VIAAT/SLC32A1/VGAT Antibody (HL1616) - Azide and BSA Free [NBP3-25743] - VGAT antibody [HL1616] detects VGAT protein at cytoplasm by immunohistochemical analysis. Sample: Paraffin-embedded mouse cerebellum. VGAT stained by VGAT antibody [HL1616] (NBP3-25743) diluted at 1:100. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



Western Blot: VIAAT/SLC32A1/VGAT Antibody (HL1616) - Azide and BSA Free [NBP3-25743] - Boiled and unboiled mouse tissue extract (50 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with VGAT antibody [HL1616] (NBP3-25743) diluted at 1:5000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.





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Products Related to NBP3-25743

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-34131PEP	VIAAT/SLC32A1/VGAT Recombinant Protein Antigen

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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