

# Product Datasheet

## VIAAT/SLC32A1/VGAT Antibody (HL1615) - Azide and BSA Free NBP3-25742

Unit Size: 100 ul

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

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**NBP3-25742**

VIAAT/SLC32A1/VGAT Antibody (HL1615) - Azide and 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>	Monoclonal
<b>Clone</b>	HL1615
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG
<b>Purity</b>	Protein A purified
<b>Buffer</b>	PBS

**Product Description**

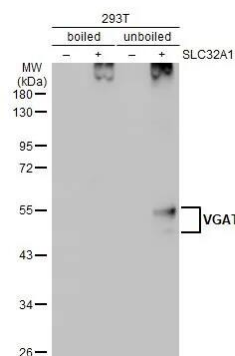
<b>Description</b>	Novus Biologicals Rabbit VIAAT/SLC32A1/VGAT Antibody (HL1615) - Azide and BSA Free (NBP3-25742) is a recombinant monoclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	140679
<b>Gene Symbol</b>	SLC32A1
<b>Species</b>	Human, Mouse, Rat
<b>Reactivity Notes</b>	Immunogen displays the following percentage of sequence identity for non-tested species: Xenopus (80%).
<b>Immunogen</b>	Recombinant protein encompassing a sequence within the N-terminus region of human VIAAT/SLC32A1/VGAT. The exact sequence is proprietary.

**Product Application Details**

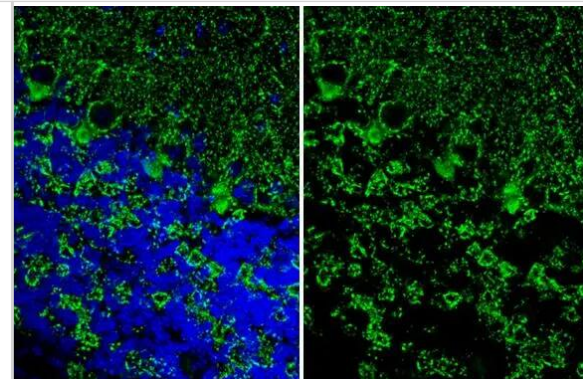
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen
<b>Recommended Dilutions</b>	Western Blot, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin 1:100-1:1000, Immunohistochemistry-Frozen

**Images**

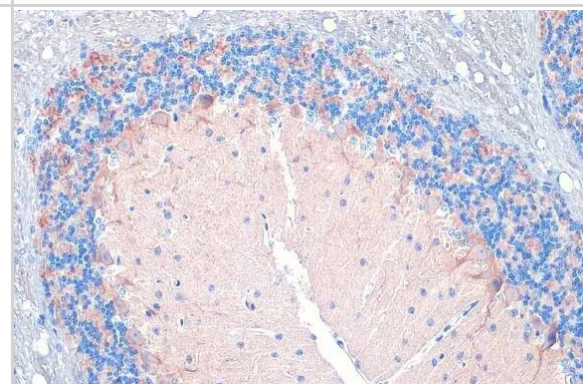
Western Blot: VIAAT/SLC32A1/VGAT Antibody (HL1615) - Azide and BSA Free [NBP3-25742] - Non-transfected (-) and transfected (+) boiled and unboiled 293T whole cell extracts (30 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with VGAT antibody [HL1615] (NBP3-25742) diluted at 1:50000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



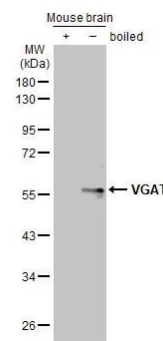
**Immunohistochemistry-Frozen:** VIAAT/SLC32A1/VGAT Antibody (HL1615) - Azide and BSA Free [NBP3-25742] - VGAT antibody [HL1615] detects VGAT protein at cell membrane by immunohistochemical analysis. Sample: Frozen-sectioned mouse cerebellum. Green: VGAT stained by VGAT antibody [HL1615] (NBP3-25742) diluted at 1:100. Blue: Fluoroshield with DAPI .



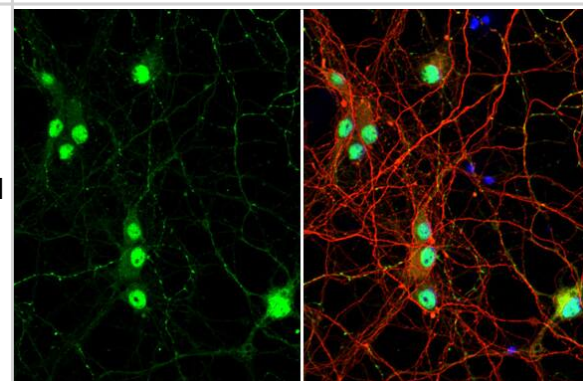
**Immunohistochemistry-Paraffin:** VIAAT/SLC32A1/VGAT Antibody (HL1615) - Azide and BSA Free [NBP3-25742] - VGAT antibody [HL1615] detects VGAT protein at cytoplasm by immunohistochemical analysis. Sample: Paraffin-embedded mouse cerebellum. VGAT stained by VGAT antibody [HL1615] (NBP3-25742) diluted at 1:100. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



**Western Blot:** VIAAT/SLC32A1/VGAT Antibody (HL1615) - Azide and BSA Free [NBP3-25742] - Boiled and unboiled mouse tissue extract (50 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with VGAT antibody [HL1615] (NBP3-25742) diluted at 1:3000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



**Immunocytochemistry/Immunofluorescence:** VIAAT/SLC32A1/VGAT Antibody (HL1615) - Azide and BSA Free [NBP3-25742] - VGAT antibody [HL1615] 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 [HL1615] (NBP3-25742) diluted at 1:250. Red: Tau, an axon marker, stained by Tau antibody [GT287] diluted at 1:500. Blue: Fluoroshield with DAPI .





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### **Products Related to NBP3-25742**

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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

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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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