

Product Datasheet

VGLUT1 Antibody NBP3-13165

Unit Size: 100 ul

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

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NBP3-13165

VGLUT1 Antibody

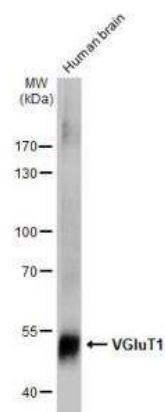
| Product Information | |
|-------------------------|--|
| Unit Size | 100 ul |
| Concentration | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services. |
| Storage | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles. |
| Clonality | Polyclonal |
| Preservative | 0.025% Proclin 300 |
| Isotype | IgG |
| Purity | Antigen Affinity-purified |
| Buffer | PBS (pH 7), 20% Glycerol |
| Target Molecular Weight | 62 kDa |

| Product Description | |
|---------------------|--|
| Description | Centrifuge briefly prior to opening. |
| Host | Rabbit |
| Gene ID | 57030 |
| Gene Symbol | SLC17A7 |
| Species | Human, Mouse, Rat |
| Immunogen | Recombinant protein encompassing a sequence within the C-terminus region of mouse VGLUT1. The exact sequence is proprietary. |

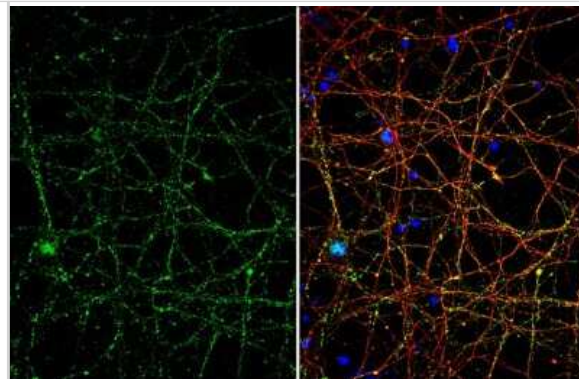
| Product Application Details | |
|-----------------------------|--|
| Applications | Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin |
| Recommended Dilutions | Western Blot 1:500-1:3000, Immunohistochemistry 1:100-1:1000, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunohistochemistry-Paraffin 1:100-1:1000, Immunohistochemistry-Frozen 1:100-1:1000 |

Images

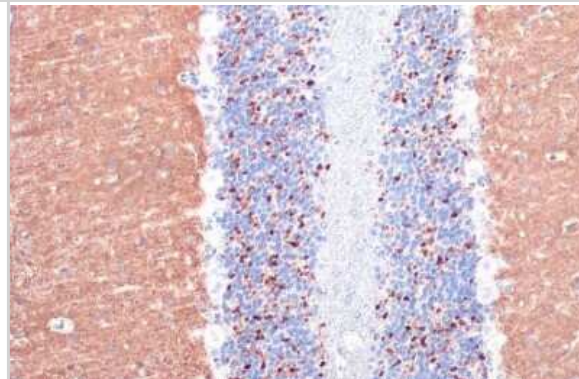
Western Blot: VGLUT1 Antibody [NBP3-13165] - Human tissue extract (30 ug) was separated by 7.5% SDS-PAGE, and the membrane was blotted with VGluT1 antibody diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (NBP2-19301) was used to detect the primary antibody.



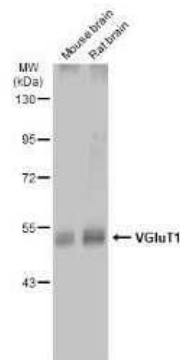
Immunocytochemistry/Immunofluorescence: VGLUT1 Antibody [NBP3-13165] - VGLUT1 antibody detects VGLUT1 protein by immunofluorescent analysis. Sample: DIV10 rat E18 primary cortical neuron cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: VGLUT1 stained by VGLUT1 antibody (NBP3-13165) diluted at 1:500. Red: Tau, stained by Tau antibody [GT287] diluted at 1:500. Blue: Fluoroshield with DAPI.



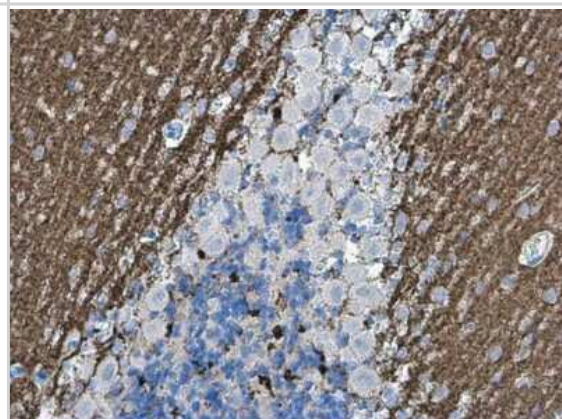
Immunohistochemistry-Paraffin: VGLUT1 Antibody [NBP3-13165] - Rat brain. VGLUT1 stained by VGLUT1 antibody (NBP3-13165) diluted at 1:500. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min.



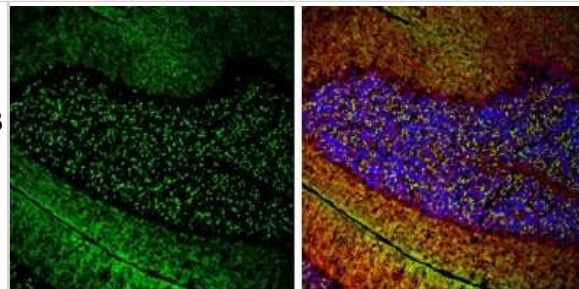
Western Blot: VGLUT1 Antibody [NBP3-13165] - Various tissue extracts (50 ug) were separated by 7.5% SDS-PAGE, and the membrane was blotted with VGLUT1 antibody (NBP3-13165) diluted at 1:5000. The HRP-conjugated anti-rabbit IgG antibody (NBP2-19301) was used to detect the primary antibody, and the signal was developed with Trident ECL plus-Enhanced.



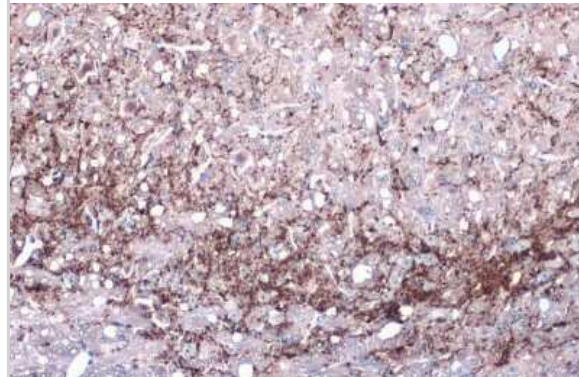
Immunohistochemistry-Paraffin: VGLUT1 Antibody [NBP3-13165] - Rat brain. VGLUT1 antibody (NBP3-13165) diluted at 1:500. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min.



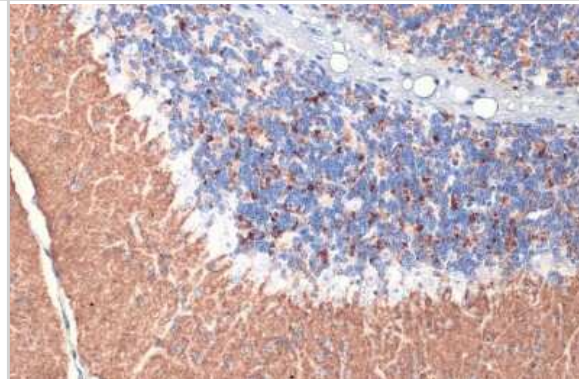
Immunohistochemistry-Frozen: VGLUT1 Antibody [NBP3-13165] - VGLUT1 antibody detects VGLUT1 protein expression by immunohistochemical analysis. Sample: Frozen-sectioned adult mouse cerebellum. Green: VGLUT1 protein stained by VGLUT1 antibody (NBP3-13165) diluted at 1:250. Red: beta Tubulin 3/ TUJ1, stained by beta Tubulin 3/ TUJ1 antibody [11710] (NBP2-43559) diluted at 1:500. Blue: Fluoroshield with DAPI.



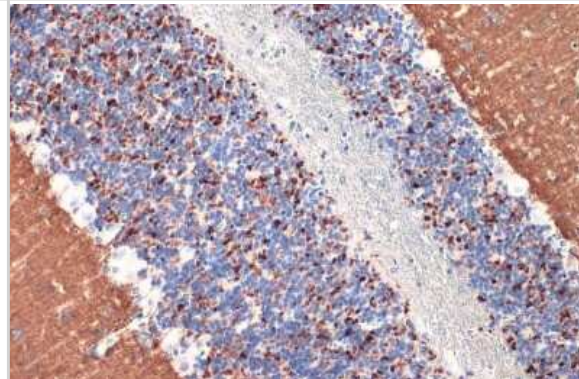
Immunohistochemistry-Paraffin: VGLUT1 Antibody [NBP3-13165] - Mouse cerebellum. VGLUT1 stained by VGLUT1 antibody (NBP3-13165) diluted at 1:500. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min.



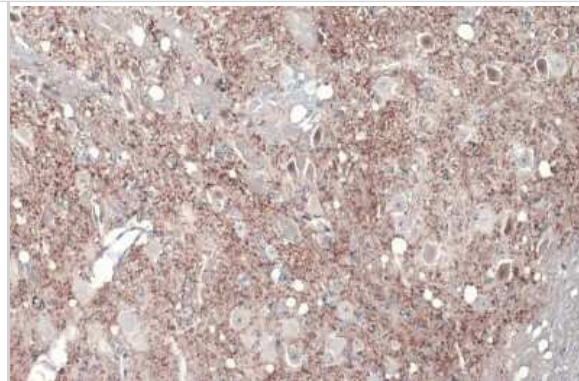
Immunohistochemistry-Paraffin: VGLUT1 Antibody [NBP3-13165] - Mouse brain. VGLUT1 stained by VGLUT1 antibody (NBP3-13165) diluted at 1:500. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min.



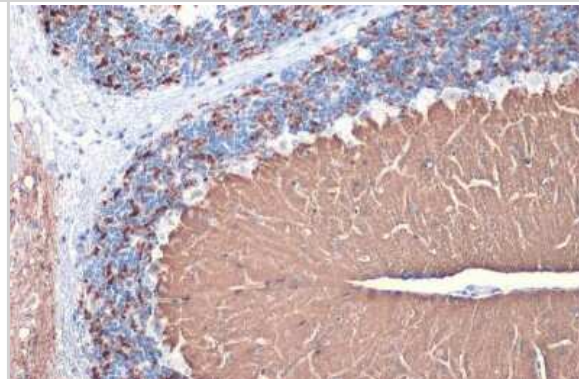
Immunohistochemistry-Paraffin: VGLUT1 Antibody [NBP3-13165] - Rat brain. VGLUT1 stained by VGLUT1 antibody (NBP3-13165) diluted at 1:500. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min.



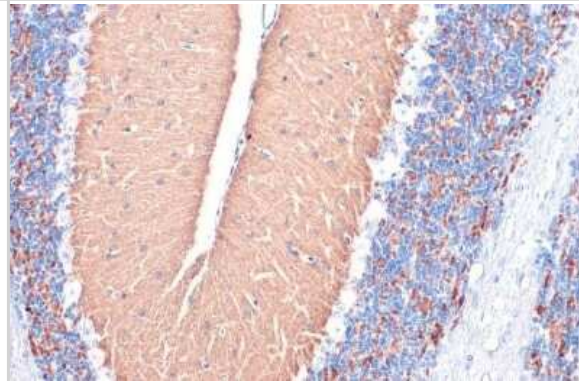
Immunohistochemistry-Paraffin: VGLUT1 Antibody [NBP3-13165] - Mouse brain. VGLUT1 stained by VGLUT1 antibody (NBP3-13165) diluted at 1:500. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min.



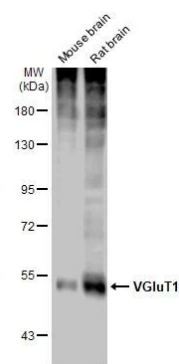
Immunohistochemistry-Paraffin: VGLUT1 Antibody [NBP3-13165] - Mouse brain. VGLUT1 stained by VGLUT1 antibody (NBP3-13165) diluted at 1:500. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min.



Immunohistochemistry-Paraffin: VGLUT1 Antibody [NBP3-13165] - Mouse brain. VGLUT1 stained by VGLUT1 antibody (NBP3-13165) diluted at 1:500. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min.



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Products Related to NBP3-13165

| | |
|-------------------|---|
| HAF008 | Goat anti-Rabbit IgG Secondary Antibody [HRP] |
| NB7160 | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP] |
| NBP2-24891 | Rabbit IgG Isotype Control |
| H00057030-P01-2ug | Recombinant Human VGLUT1 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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