

# Product Datasheet

## VAMP-2 Antibody NBP3-13179

Unit Size: 100 ul

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

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**NBP3-13179**

## VAMP-2 Antibody

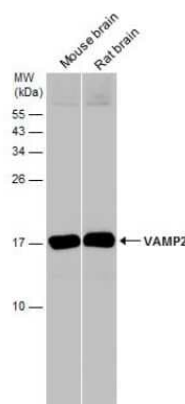
Product Information	
<b>Unit Size</b>	100 ul
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.025% Proclin 300
<b>Isotype</b>	IgG
<b>Purity</b>	Antigen Affinity-purified
<b>Buffer</b>	PBS, 1% BSA, 20% Glycerol (pH7).

Product Description	
<b>Description</b>	Centrifuge briefly prior to opening.
<b>Host</b>	Rabbit
<b>Gene Symbol</b>	VAMP2
<b>Species</b>	Mouse, Rat
<b>Immunogen</b>	Carrier-protein conjugated synthetic peptide encompassing a sequence within the N-terminus region of mouse VAMP-2. The exact sequence is proprietary.

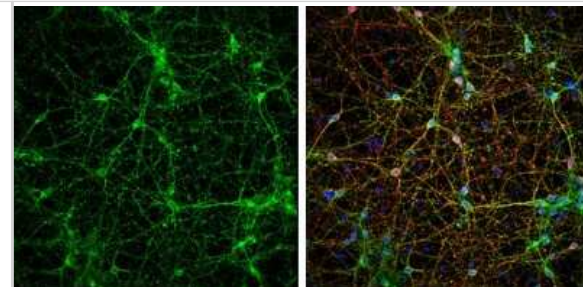
Product Application Details	
<b>Applications</b>	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen

**Images**

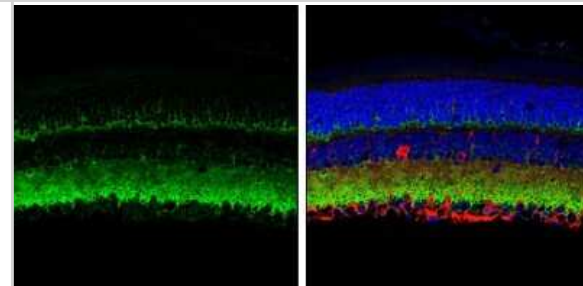
Western Blot: VAMP-2 Antibody [NBP3-13179] - Various tissue extracts (50 ug) were separated by 15% SDS-PAGE, and the membrane was blotted with VAMP-2 antibody (NBP3-13179) diluted at 1:1000.



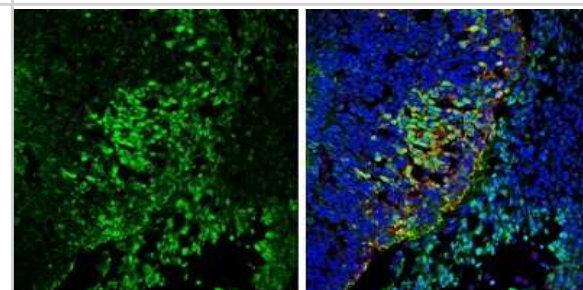
**Immunocytochemistry/Immunofluorescence: VAMP-2 Antibody [NBP3-13179]** - VAMP-2 antibody detects VAMP-2 protein at synaptic vesicles by immunofluorescent analysis. Sample: DIV9 rat E18 primary cortical neurons were fixed in 4% paraformaldehyde at RT for 15 min. Green: VAMP-2 protein stained by VAMP-2 antibody (NBP3-13179) diluted at 1:500. Red: beta Tubulin 3/ Tuj1, stained by beta Tubulin 3/ Tuj1 antibody [GT11710] (NBP2-43559) diluted at 1:500. Blue: Fluoroshield with DAPI.



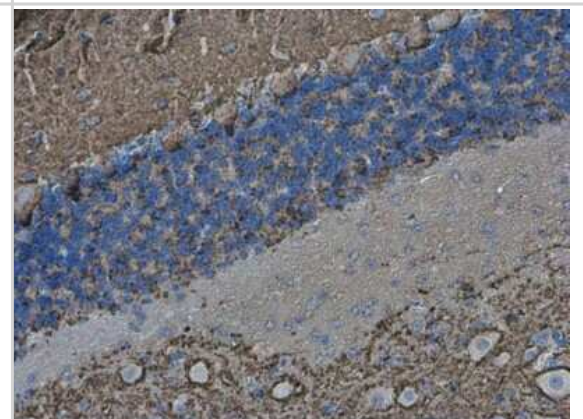
**Immunohistochemistry-Paraffin: VAMP-2 Antibody [NBP3-13179]** - VAMP-2 antibody detects VAMP-2 protein expression by immunohistochemical analysis. Sample: Paraffin-Embedded adult mouse retina. Green: VAMP-2 protein stained by VAMP-2 antibody (NBP3-13179) diluted at 1:250. Red: beta Tubulin 3/ TUJ1, stained by beta Tubulin 3/ TUJ1 antibody [GT11710] (NBP2-43559) diluted at 1:500. Blue: Fluoroshield with DAPI.



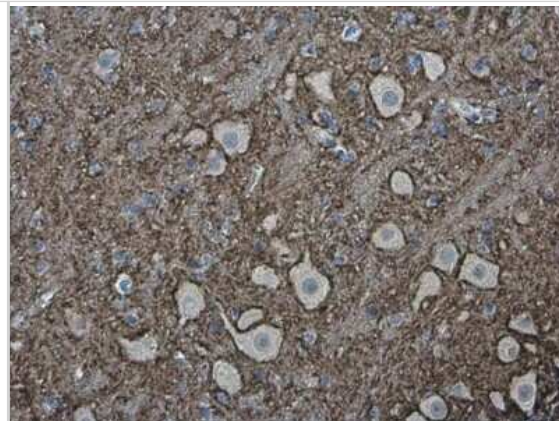
**Immunohistochemistry-Frozen: VAMP-2 Antibody [NBP3-13179]** - VAMP-2 antibody detects VAMP-2 protein expression by immunohistochemical analysis. Sample: Frozen sectioned E13.5 Rat brain. Green: VAMP-2 protein stained by VAMP-2 antibody (NBP3-13179) diluted at 1:250. Red: beta Tubulin 3/ TUJ1, a mature neuron marker, stained by beta Tubulin 3/ TUJ1 antibody [GT11710] (NBP2-43559) diluted at 1:500. Blue: Fluoroshield with DAPI.



**Immunohistochemistry-Paraffin: VAMP-2 Antibody [NBP3-13179]** - VAMP-2 antibody detects VAMP-2 protein at cell membrane in mouse brain by immunohistochemical analysis. Sample: Paraffin-embedded mouse brain. VAMP-2 antibody (NBP3-13179) diluted at 1:500. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



Immunohistochemistry-Paraffin: VAMP-2 Antibody [NBP3-13179] - VAMP-2 antibody detects VAMP-2 protein at cell membrane in mouse brain by immunohistochemical analysis. Sample: Paraffin-embedded mouse brain. VAMP-2 antibody (NBP3-13179) diluted at 1:500. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



Immunohistochemistry-Paraffin: VAMP-2 Antibody [NBP3-13179] - VAMP-2 antibody detects VAMP-2 protein at cell membrane in rat brain by immunohistochemical analysis. Sample: Paraffin-embedded rat brain. VAMP-2 antibody (NBP3-13179) diluted at 1:500. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min





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### **Products Related to NBP3-13179**

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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
NBC1-18335	Recombinant Human VAMP-2 His Protein

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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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