

# Product Datasheet

## VGLUT1 Antibody - Azide and BSA Free NB100-1837-0.05mg

Unit Size: 0.05 mg

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

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### Publications: 2

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**NB100-1837-0.05mg**

VGLUT1 Antibody - Azide and BSA Free

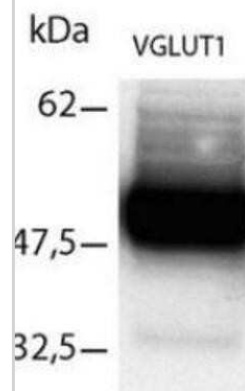
Product Information	
Unit Size	0.05 mg
Concentration	LYOPH mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	No Preservative
Reconstitution Instructions	Lyophilized powder, reconstituted in distilled water.
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris 0,1M, glycine 0,1M, sucrose 2%.

Product Description	
Host	Rabbit
Gene ID	57030
Gene Symbol	SLC17A7
Species	Mouse, Rat, Canine
Reactivity Notes	Not yet tested in other species. Use in Canine reported in scientific literature (PMID:18558516).
Specificity/Sensitivity	Reacts with rat 55-60 kDa VGLUT1 protein of BON cells stably expressing VGLUT1 and of total rat brain extracts. No cross reactivity was detected with VGLUT2 and VGLUT3
Immunogen	A 17 residue synthetic peptide derived from C-terminal domain of rat VGLUT1.

Product Application Details	
Applications	Western Blot, ELISA, Electron Microscopy, Immunohistochemistry, Immunohistochemistry-Paraffin, Radioimmunoassay
Recommended Dilutions	Western Blot 1:500, ELISA 1:100-1:2000, Immunohistochemistry 1:10-1:500, Immunohistochemistry-Paraffin 1:10-1:500, Radioimmunoassay 1:500, Electron Microscopy 1:200

**Images**

Western Blot: VGLUT1 Antibody [NB100-1837] - Cell lysate from rat



## Publications

Hoover D B, Shepherd A V et al. Neurochemical diversity of afferent neurons that transduce sensory signals from dog ventricular myocardium. *Auton Neurosci* 2008-08-18 [PMID: 18558516] (IF/IHC, Canine)

Gupta DS, Hubscher CH. Estradiol treatment prevents injury induced enhancement in spinal cord dynorphin expression *Front Physiol* 2012-01-01 [PMID: 22371702] (IF/IHC, Rat)





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### Products Related to NB100-1837-0.05mg

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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
H00057030-P01-2ug	Recombinant Human VGLUT1 GST (N-Term) 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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