

Product Datasheet

VGLUT2 Antibody (CL2921) - Azide and BSA Free NBP3-43788

Unit Size: 100 ug

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

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NBP3-43788

VGLUT2 Antibody (CL2921) - Azide and BSA Free

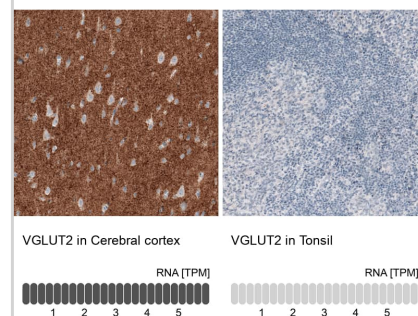
Product Information	
Unit Size	100 ug
Concentration	LYOPH mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CL2921
Preservative	No Preservative
Reconstitution Instructions	Centrifuge the vial of lyophilized antibody at 12,000 x g for 20 seconds. Reconstitute by adding sterile, distilled water to achieve a final antibody concentration of 1mg/ml.
Isotype	IgG1
Purity	Protein A purified
Buffer	Lyophilized from a 0.2 um filtered solution in PBS with Trehalose

Product Description	
Host	Mouse
Gene ID	57084
Gene Symbol	SLC17A6
Species	Human, Mouse, Rat
Immunogen	This antibody was generated using a recombinant protein sequence of Q9P2U8, with the exact immunogen sequence remaining proprietary.

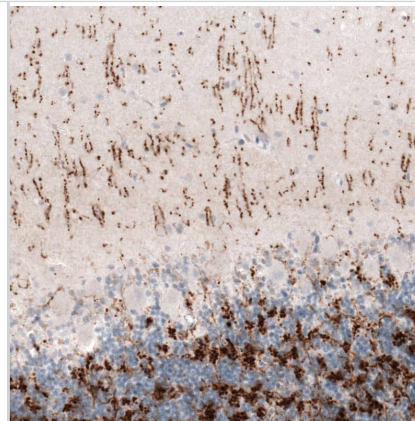
Product Application Details	
Applications	Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry-Paraffin 1:50 - 1:200
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

Images

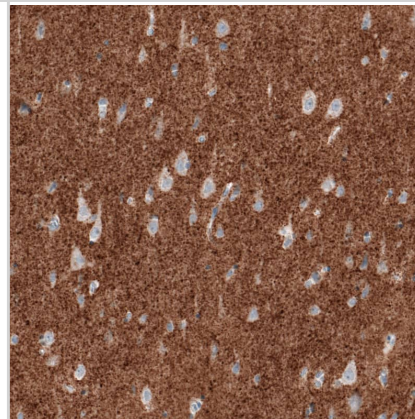
Analysis in human cerebral cortex and tonsil tissues using NBP3-43788 antibody. Corresponding VGLUT2 RNA-seq data are presented for the same tissues.



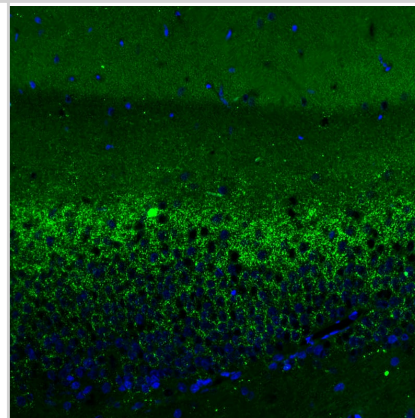
Staining of human cerebellum shows moderate to strong positivity in glutamatergic fibers.



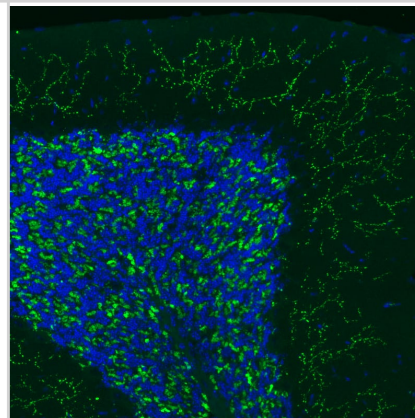
Staining of human cerebral cortex shows strong positivity in neuropil.



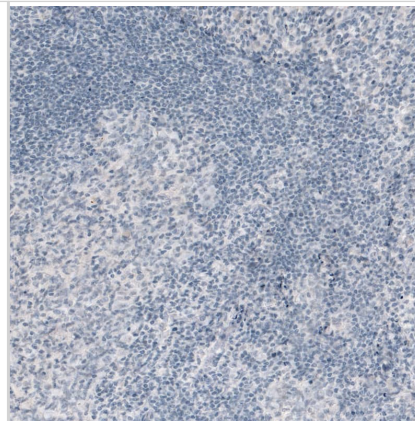
Staining of rat hippocampus shows moderate positivity in glutamatergic fibers in granular cell layer of the dentate gyrus.



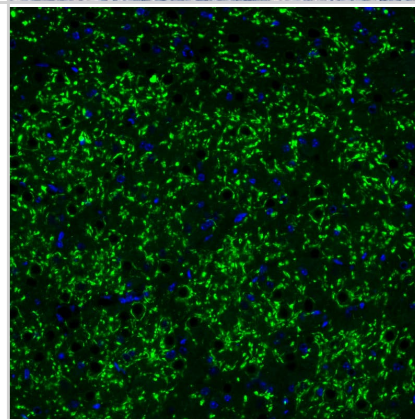
Staining of mouse brain shows positivity in glutamatergic fibers in the cerebellum.



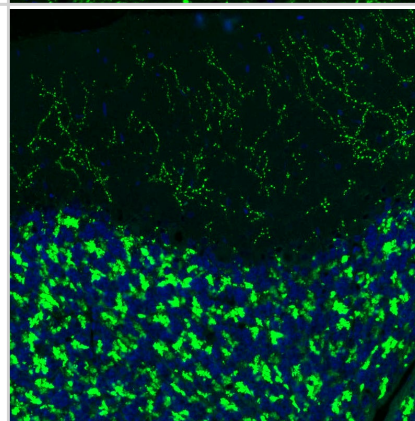
Staining of human tonsil shows no positivity in lymphoid cells as expected.



Staining of mouse brain shows strong positivity in glutamatergic fibers in the thalamus.



Staining of rat brain shows moderate to strong positivity in glutamatergic fibers in the cerebellum.





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Products Related to NBP3-43788

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
NBP2-46641PEP	VGLUT2 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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