

Product Datasheet

VGLUT1 Antibody (S28-9) - BSA Free NBP2-59329

Unit Size: 100 ug

Store at -20C.

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Publications: 1

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NBP2-59329

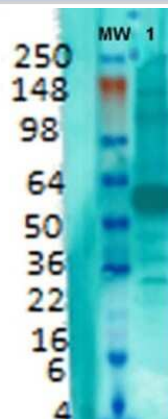
VGLUT1 Antibody (S28-9) - BSA Free

Product Information	
Unit Size	100 ug
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C.
Clonality	Monoclonal
Clone	S28-9
Preservative	0.09% Sodium Azide
Isotype	IgG1
Purity	Protein G purified
Buffer	PBS (pH 7.4), 50% Glycerol
Product Description	
Description	Novus Biologicals Mouse VGLUT1 Antibody (S28-9) - BSA Free (NBP2-59329) is a monoclonal antibody validated for use in IHC, WB and ICC/IF. Anti-VGLUT1 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	57030
Gene Symbol	SLC17A7
Species	Human, Mouse, Rat
Specificity/Sensitivity	Detects 52kDa. No cross-reactivity against VGlut2.
Immunogen	Fusion protein amino acids 493-560 (cytoplasmic C-terminus) of rat VGlut1
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:1000, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence

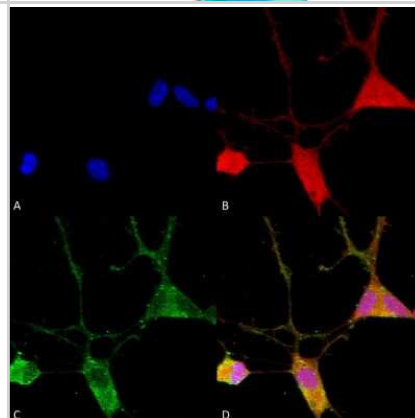


Images

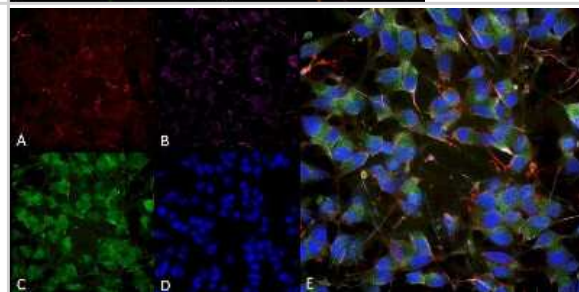
Western Blot: VGLUT1 Antibody (S28-9) [NBP2-59329] - Western Blot analysis of Rat brain membrane lysate showing detection of VGLUT1 protein using Mouse Anti-VGLUT1 Monoclonal Antibody, Clone S28-9 (NBP2-59329). Primary Antibody: Mouse Anti-VGLUT1 Monoclonal Antibody (NBP2-59329) at 1:1000.



Immunocytochemistry/Immunofluorescence: VGLUT1 Antibody (S28-9) [NBP2-59329] - Immunocytochemistry/Immunofluorescence analysis using Mouse Anti-VGLUT1 Monoclonal Antibody, Clone S28-9 (NBP2-59329). Tissue: Neuroblastoma cells (SH-SY5Y). Species: Human. Fixation: 4% PFA for 15 min. Primary Antibody: Mouse Anti-VGLUT1 Monoclonal Antibody (NBP2-59329) at 1:100 for overnight at 4C with slow rocking. Secondary Antibody: AlexaFluor 488 at 1:1000 for 1 hour at RT. Counterstain: Phalloidin-iFluor 647 (red) F-Actin stain; Hoechst (blue) nuclear stain at 1:800, 1.6mM for 20 min at RT. (A) Hoechst (blue) nuclear stain. (B) Phalloidin-iFluor 647 (red) F-Actin stain. (C) VGLUT1 Antibody (D) Composite.



Immunocytochemistry/Immunofluorescence: VGLUT1 Antibody (S28-9) [NBP2-59329] - Immunocytochemistry/Immunofluorescence analysis using Mouse Anti-VGLUT1 Monoclonal Antibody, Clone S28-9 (NBP2-59329). Tissue: Differentiated SH-SY5Y. Species: Human. Primary Antibody: Mouse Anti-VGLUT1 Monoclonal Antibody (NBP2-59329) at 1:100. Secondary Antibody: AlexaFluor 488. Counterstain: phalloidin (Alexa 647, red), beta tubulin (Anti-beta III Tubulin Ab, Alexa 555, magenta) Hoechst (blue). (A) Phalloidin (B) Anti-beta III Tubulin Ab. (C) VGLUT1 Antibody. (D) Hoechst (E) Composite.



Publications

Zhang N, Zhang Z, He R et al. GLAST-CreER(T2) mediated deletion of GDNF increases brain damage and exacerbates long-term stroke outcomes after focal ischemic stroke in mouse model *Glia* 2020-06-04 [PMID: 32497340]



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Products Related to NBP2-59329

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)
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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