

Product Datasheet

VGLUT2 Antibody (S29-29) - BSA Free NBP2-59330

Unit Size: 100 ug

Store at -20C.

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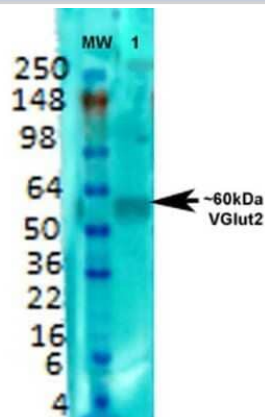
NBP2-59330

VGLUT2 Antibody (S29-29) - BSA Free

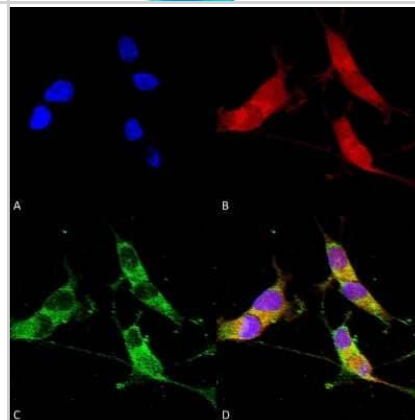
Product Information	
Unit Size	100 ug
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C.
Clonality	Monoclonal
Clone	S29-29
Preservative	0.09% Sodium Azide
Isotype	IgG1
Purity	Protein G purified
Buffer	PBS (pH 7.4), 50% Glycerol
Target Molecular Weight	60 kDa
Product Description	
Host	Mouse
Gene ID	57084
Gene Symbol	SLC17A6
Species	Human, Mouse, Rat
Immunogen	Fusion protein amino acids 501-582 (cytoplasmic C-terminus) of rat VGlut2
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:1000, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:100

Images

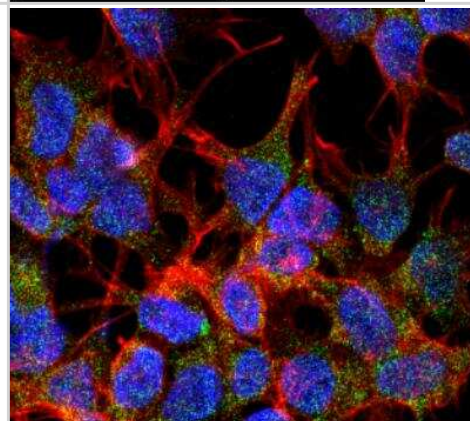
Western Blot: VGLUT2 Antibody (S29-29) [NBP2-59330] - Western Blot analysis of Rat brain membrane lysate showing detection of VGLUT2 protein using Mouse Anti-VGLUT2 Monoclonal Antibody, Clone S29-29 (NBP2-59330). Primary Antibody: Mouse Anti-VGLUT2 Monoclonal Antibody (NBP2-59330) at 1:000.



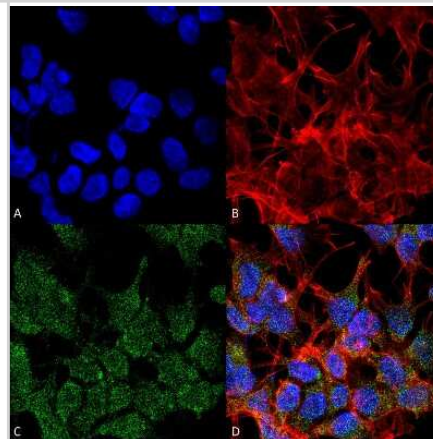
Immunocytochemistry/Immunofluorescence: VGLUT2 Antibody (S29-29) [NBP2-59330] - Immunocytochemistry/Immunofluorescence analysis using Mouse Anti-VGLUT2 Monoclonal Antibody, Clone S29-29 (NBP2-59330). Tissue: Neuroblastoma cells (SH-SY5Y). Species: Human. Fixation: 4% PFA for 15 min. Primary Antibody: Mouse Anti-VGLUT2 Monoclonal Antibody (NBP2-59330) at 1:50 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) VGLUT2 Antibody (D) Composite.



Immunocytochemistry/Immunofluorescence: VGLUT2 Antibody (S29-29) [NBP2-59330] - Tissue: SK-N-BE Cells (Human Neuroblastoma cells). Species: Human. Fixation: 4% Formaldehyde for 15 min at RT. Primary Antibody: Mouse Anti-VGLUT2 Monoclonal Antibody at 1:100 for 60 min at RT. Secondary Antibody: Goat Anti-Mouse ATTO 488 at 1:200 for 60 min at RT. Counterstain: Phalloidin Texas Red F-Actin stain; DAPI (blue) nuclear stain at 1:1000, 1:5000 for 60 min at RT, 5 min at RT. Localization: Cytoplasmic Vesicle, Secretory Vesicle, Synaptic Vesicle Membrane, Membrane, Cell Junction, Synapse. Magnification: 60X.



Immunocytochemistry/Immunofluorescence: VGLUT2 Antibody (S29-29) [NBP2-59330] - Immunocytochemistry/Immunofluorescence analysis using Mouse Anti-VGLUT2 Monoclonal Antibody, Clone S29-29 (NBP2-59330). Tissue: Neuroblastoma cell line (SK-N-BE). Species: Human. Fixation: 4% Formaldehyde for 15 min at RT. Primary Antibody: Mouse Anti-VGLUT2 Monoclonal Antibody (NBP2-59330) at 1:100 for 60 min at RT. Secondary Antibody: Goat Anti-Mouse ATTO 488 at 1:200 for 60 min at RT. Counterstain: Phalloidin Texas Red F-Actin stain; DAPI (blue) nuclear stain at 1:1000, 1:5000 for 60 min at RT, 5 min at RT. Localization: Cytoplasmic Vesicle, Secretory Vesicle, Synaptic Vesicle Membrane, Membrane, Cell Junction, Synapse. Magnification: 60X. (A) DAPI (blue) nuclear stain. (B) Phalloidin Texas Red F-Actin stain. (C) VGLUT2 Antibody. (D) Composite.



Publications

Wang G, Liu HY, Meng XW et Al. Complement C1q-mediated microglial synaptic elimination by enhancing desialylation underlies sevoflurane-induced developmental neurotoxicity Cell Biosci 2024-04-01 [PMID: 38556890]



Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP2-59330

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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