

Product Datasheet

VIAAT/SLC32A1/VGAT Antibody - BSA Free NB110-55238

Unit Size: 0.1 ml

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

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NB110-55238

VIAAT/SLC32A1/VGAT Antibody - BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	4.3 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.9% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	10mM PBS (pH 7.4)
Target Molecular Weight	57 kDa

Product Description	
Host	Rabbit
Gene ID	140679
Gene Symbol	SLC32A1
Species	Mouse, Rat
Reactivity Notes	Rat, Mouse. This sequence is identical in rat VGAT and highly conserved (single a.a. substitution) in human VGAT.
Specificity/Sensitivity	VGAT
Immunogen	Synthetic peptide corresponding to amino acids 1-20 located at the N-terminus of mouse VGAT.

Product Application Details	
Applications	Western Blot, ELISA, Microarray
Recommended Dilutions	Western Blot 2-4 ug/ml, ELISA, Microarray
Application Notes	Use in ELISA reported in scientific literature (PMID 24772072)

Publications

Arsenault D, Tremblay C, Emond V, Calon F Sex-dependent alterations in the physiology of entorhinal cortex neurons in old heterozygous 3xTg-AD mice Biol Sex Differ 2020-11-16 [PMID: 33198813] (WB, Mouse)

Bories C, Arsenault D, Lemire M et al. Transgenic autoinhibition of p21-activated kinase exacerbates synaptic impairments and fronto-dependent behavioral deficits in an animal model of Alzheimer's disease. Aging (Albany NY). 2017-05-16 [PMID: 28522792] (WB, Mouse)

Gruol Donna L, Vo Khanh, Bray Jennifer G, Roberts Amanda J. CCL2-ethanol interactions and hippocampal synaptic protein expression in a transgenic mouse model. Front Integr Neurosci. 2014-04-04 [PMID: 24772072] (ELISA, Mouse)

Nelson TE, Olde Engberink A, Hernandez R et al. Altered synaptic transmission in the hippocampus of transgenic mice with enhanced central nervous systems expression of interleukin-6. Brain Behav Immun. 2012-05-17 [PMID: 22609298] (WB, Mouse)





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

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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