




Product datasheet

Anti-SLC32A1/VGAT antibody [CL2793] ab211534

7 Images

Overview

Product name	Anti-SLC32A1/VGAT antibody [CL2793]
Description	Mouse monoclonal [CL2793] to SLC32A1/VGAT
Host species	Mouse
Tested applications	Suitable for: ICC, IHC-P
Species reactivity	Reacts with: Mouse, Rat, Human Predicted to work with: Cynomolgus monkey 
Immunogen	Recombinant fragment (proprietary-tag) corresponding to Human SLC32A1/VGAT aa 13-103. Sequence: ATSVSNKSQAKMSGMFARMGFQAATDEEAVGFAHCDDL DFEHRQGLQMDI LKAEGEPCGDEGAEAPVEGDIHYQRGSGAPLPPSGSKD QVG Database link: Q9H598  Run BLAST with  Run BLAST with
Positive control	Rat basal forebrain, mouse globus pallidus, human substantia nigra pars reticulata, rat globus pallidus, mouse deep cerebellar nucleus, rat substantia nigra and mouse cerebellum tissues.
General notes	This product was previously labelled as SLC32A1

Reproducibility is key to advancing scientific discovery and accelerating scientists' next breakthrough.

Abcam is leading the way with our range of recombinant antibodies, knockout-validated antibodies and knockout cell lines, all of which support improved reproducibility.

We are also planning to innovate the way in which we present recommended applications and species on our product datasheets, so that only applications & species that have been tested in our own labs, our suppliers or by selected trusted collaborators are covered by our Abpromise™ guarantee.

In preparation for this, we have started to update the applications & species that this product is Abpromise guaranteed for.

We are also updating the applications & species that this product has been "predicted to work with," however this information is not covered by our Abpromise guarantee.

Applications & species from publications and Abreviews that have not been tested in our own

labs or in those of our suppliers are not covered by the Abpromise guarantee.

Please check that this product meets your needs before purchasing. If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, as well as customer reviews and Q&As.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.20 Preservative: 0.02% Sodium azide Constituents: 40% Glycerol (glycerin, glycerine), 59% PBS
Purity	Protein A purified
Clonality	Monoclonal
Clone number	CL2793
Isotype	IgG1

Applications

Our [Abpromise guarantee](#) covers the use of **ab211534** in the following tested applications.

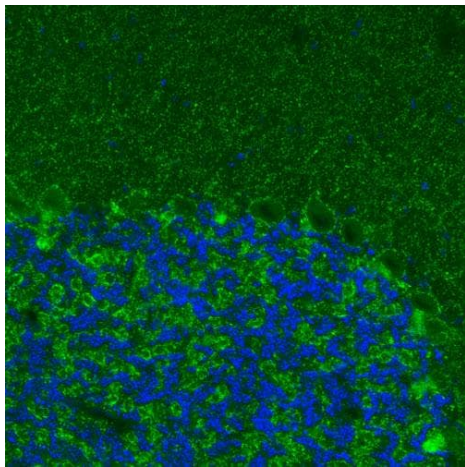
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
ICC		Use at an assay dependent concentration.
IHC-P		1/50 - 1/200.

Target

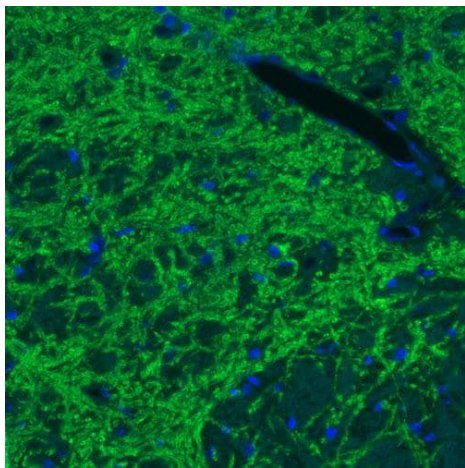
Function	Involved in the uptake of GABA and glycine into the synaptic vesicles.
Tissue specificity	Retina. Expressed throughout the horizontal cells or more specifically at the terminals.
Sequence similarities	Belongs to the amino acid/polyamine transporter 2 family.
Cellular localization	Cytoplasmic vesicle membrane.

Images



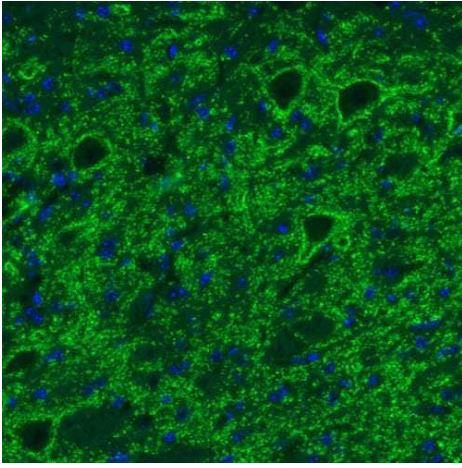
Immunocytochemistry - Anti-SLC32A1/VGAT antibody [CL2793] (ab211534)

Immunohistochemical analysis of paraffin-embedded mouse cerebellum tissue labeling SLC32A1/VGAT with ab211534 at 1/50 dilution.



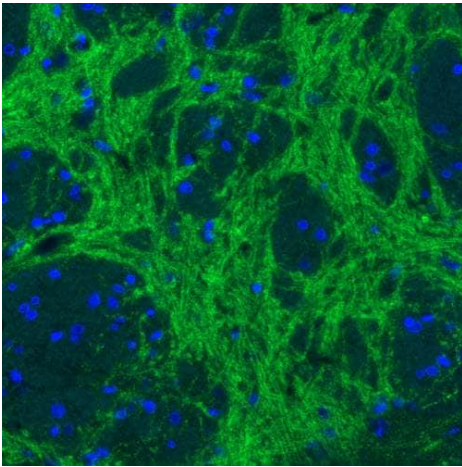
Immunocytochemistry - Anti-SLC32A1/VGAT antibody [CL2793] (ab211534)

Immunohistochemical analysis of paraffin-embedded rat substantia nigra tissue labeling SLC32A1/VGAT with ab211534 at 1/50 dilution.



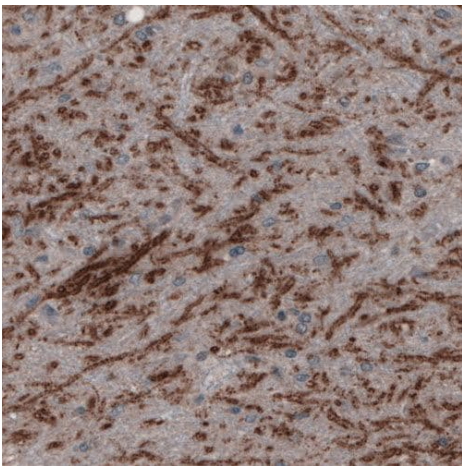
Immunocytochemistry - Anti-SLC32A1/VGAT antibody [CL2793] (ab211534)

Immunohistochemical analysis of paraffin-embedded mouse deep cerebellar nucleus tissue labeling SLC32A1/VGAT with ab211534 at 1/50 dilution.



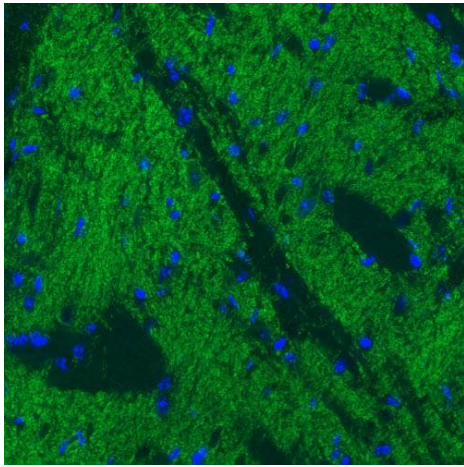
Immunocytochemistry - Anti-SLC32A1/VGAT antibody [CL2793] (ab211534)

Immunohistochemical analysis of paraffin-embedded rat globus pallidus tissue labeling SLC32A1/VGAT with ab211534 at 1/50 dilution.



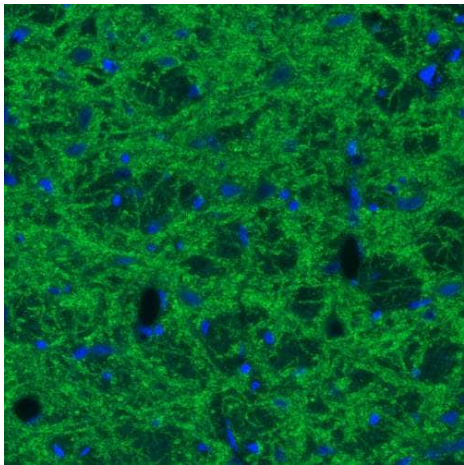
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-SLC32A1/VGAT antibody [CL2793] (ab211534)

Immunohistochemical analysis of paraffin-embedded human substantia nigra pars reticulata tissue labeling SLC32A1/VGAT with ab211534 at 1/50 dilution.



Immunohistochemical analysis of paraffin-embedded mouse globus pallidus tissue labeling SLC32A1/VGAT with ab211534 at 1/50 dilution.

Immunocytochemistry - Anti-SLC32A1/VGAT antibody [CL2793] (ab211534)



Immunohistochemical analysis of paraffin-embedded rat basal forebrain tissue labeling SLC32A1/VGAT with ab211534 at 1/50 dilution.

Immunocytochemistry - Anti-SLC32A1/VGAT antibody [CL2793] (ab211534)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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