abcam

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 1-150. 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	The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. 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, along with publications, customer reviews and Q&As

Properties

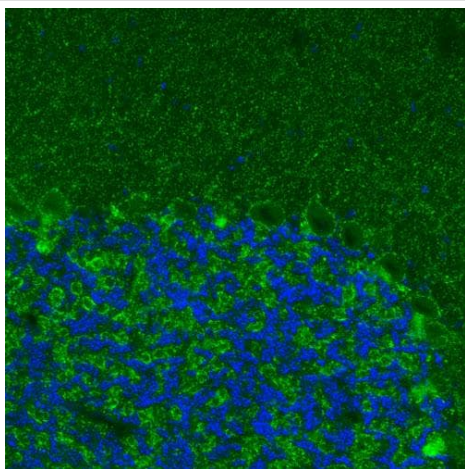|	
Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.20 Preservative: 0.02% Sodium azide Constituents: 40% Glycerol (glycerin, glycerine), 59% PBS
Purity	Protein A purified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

Applications

The Abpromise guarantee 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.

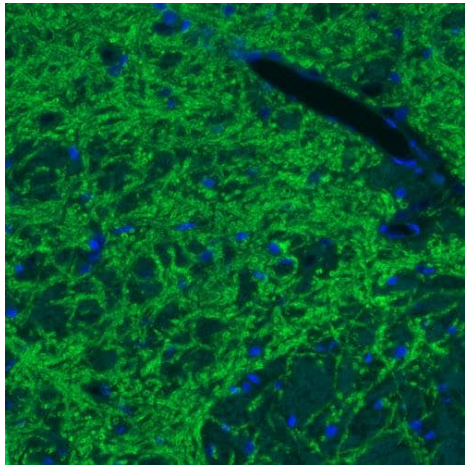| Application	Abreviews	Notes
ICC		Use at an assay dependent concentration.
IHC-P		1/50 - 1/200.

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

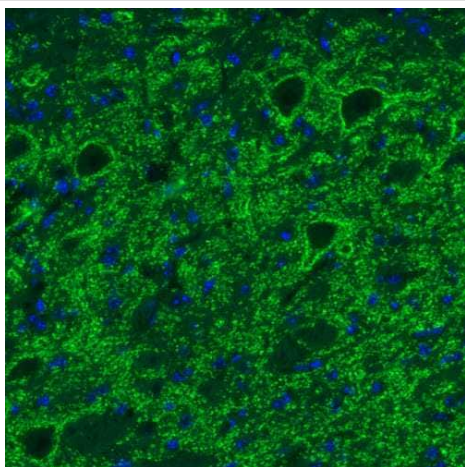Immunocytochemistry - Anti-SLC32A1/VGAT antibody [CL2793] (ab211534)

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

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

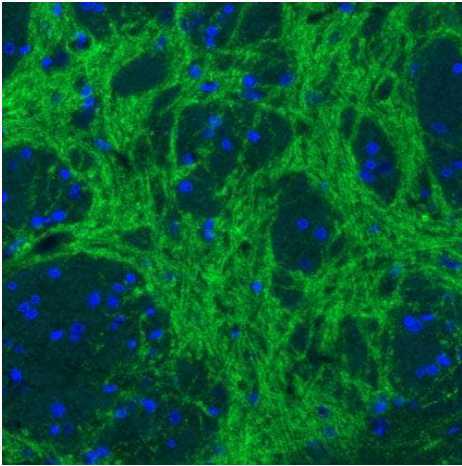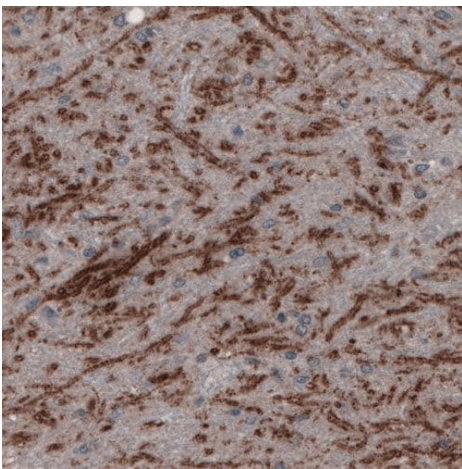Immunocytochemistry - Anti-SLC32A1/VGAT antibody [CL2793] (ab211534)

Immunohistochemical analysis of paraffin-embedded mouse deep cerebellar nucleus tissue labeling SLC32A1/VGAT with ab211534 at 1/50 dilution.
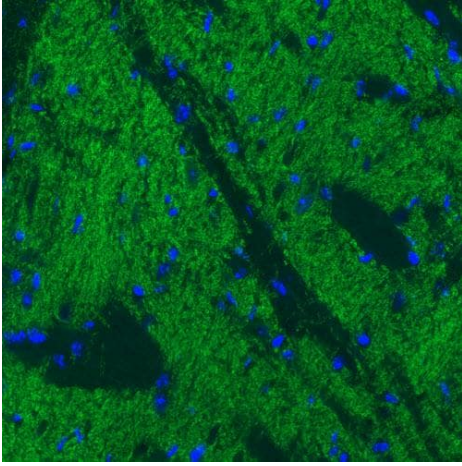
Immunocytochemistry - Anti-SLC32A1/VGAT antibody [CL2793] (ab211534)

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

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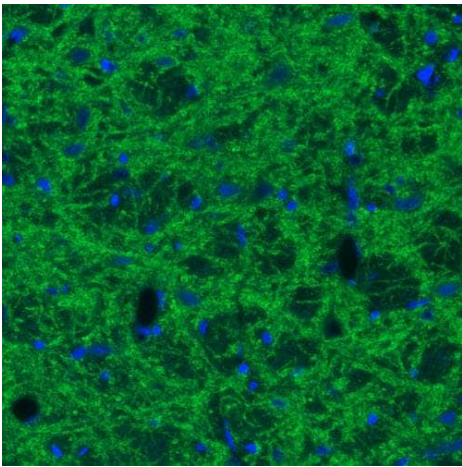
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-SLC32A1/VGAT antibody [CL2793] (ab211534)

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)

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