

Product datasheet

Anti-SLC32A1/VGAT antibody ab42939

★★★★★ 1 Abreviews 2 References 1 Image

Overview

Product name	Anti-SLC32A1/VGAT antibody
Description	Rabbit polyclonal to SLC32A1/VGAT
Host species	Rabbit
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Rat Predicted to work with: Mouse, Cow, Dog, Non human primates
Immunogen	Synthetic peptide corresponding to Rat SLC32A1/VGAT (N terminal).
Positive control	Rat hippocampal lysate.
General notes	This product was previously labelled as SLC32A1

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	pH: 7.50 Constituents: 0.238% HEPES, 50% Glycerol, 0.87% Sodium chloride, 0.01% BSA
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab42939** in the following tested applications.

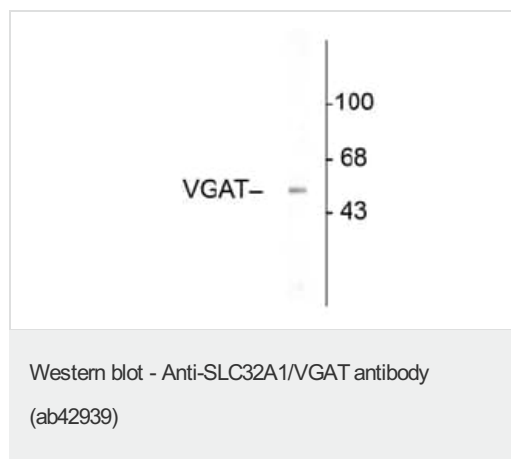
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB	★★★★★	1/1000. Detects a band of approximately 53 kDa (predicted molecular weight: 58 kDa).

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



Anti-SLC32A1/VGAT antibody (ab42939) at 1/1000 dilution + Rat hippocampal lysate at 20 µg

Secondary

Goat-anti-rabbit HRP. at 1/15000 dilution

Predicted band size: 58 kDa

Observed band size: 53 kDa

[why is the actual band size different from the predicted?](#)

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