

Slc32a1 polyclonal antibody

Catalog # PAB9637

Size 100 uL

Applications



Western Blot (Tissue lysate)

Western blot of rat hippocampal lysate showing specific immunolabeling of the ~53k Slc32a1 protein. Using Slc32a1 polyclonal antibody (Cat # PAB9637).

Specification

Product Description Rabbit polyclonal antibody raised against synthetic peptide of Slc32a1.

Immunogen A synthetic peptide corresponding to N-terminus rat Slc32a1.

Host Rabbit

Theoretical MW (kDa) 53

Reactivity Bovine, Dog, Primates, Rat

Form Liquid

Purification Affinity purification

Quality Control Testing Antibody Reactive Against Synthetic Peptide.

Recommend Usage Western Blot (1:1000)
The optimal working dilution should be determined by the end user.

Storage Buffer In 10 mM HEPES, 150 mM NaCl, pH 7.5 (50% glycerol, 10% BSA)

Storage Instruction Store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Applications

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Gene Info — Slc32a1

Entrez GeneID [83612](#)

Protein Accession# [O35458](#)

Gene Name Slc32a1

Gene Alias Vgat, Viaat

Gene Description solute carrier family 32 (GABA vesicular transporter), member 1

Gene Ontology [Hyperlink](#)

Gene Summary O

Other Designations vesicular inhibitory amino acid transporter

Publication Reference

- [Homeostatic scaling of vesicular glutamate and GABA transporter expression in rat neocortical circuits.](#)

De Gois S, Schafer MK, Defamie N, Chen C, Ricci A, Weihe E, Varoqui H, Erickson JD.

Journal of Neuroscience 2005 Aug; 25(31):7121.

Application: IF, WB, Rat, Rat primary neocortical neurons

- [The vesicular GABA transporter, VGAT, localizes to synaptic vesicles in sets of glycinergic as well as GABAergic neurons.](#)

Chaudhry FA, Reimer RJ, Bellocchio EE, Danbolt NC, Osen KK, Edwards RH, Storm-Mathisen J.

Journal of Neuroscience 1998 Dec; 18(23):9733.

Application: ICC, IEM, WB-Ce, WB-Ti, Rat, PC-12 cells, Rat brains

- [Identification and characterization of the vesicular GABA transporter.](#)

McIntire SL, Reimer RJ, Schuske K, Edwards RH, Jorgensen EM.

Nature 1997 Oct; 389(6653):870.

Application: IF, Rat, PC-12 cells, Rat primary hippocampal cultures