



6352 CORTE DEL ABETO, STE B
CARLSBAD, CA 92011 USA
01.858.642.1988 • WWW.ATSBIO.COM

Antibody to vGAT
RABBIT POLYCLONAL

Catalog Number: AB-N44
Quantity: 100 microliters
Format: Liquid antisera, no preservative
Host: Rabbit
Immunogen: synthetic vGAT peptide

Background:

Vesicular GABA transporters (vGAT) mediate the accumulation of GABA into synaptic vesicles and its release from nerve terminals. This transporter is expressed in the nerve endings of GABAergic neurons throughout the CNS and has also been found in the pancreas and pituitary gland. During development, expression of the vGAT protein changes. Expression can also change in response to patterns of neuronal activity.

Specificity and Preparation:

This antibody recognizes rat vesicular GABA transporter. This antibody was raised against the C-terminal of the rat vesicular GABA transporter. The antigen sequence is identical among human, rat, mouse, pig and guinea pig.

Usage and Storage:

Applications include flow cytometry (ATS in-house; 1:1000). Working dilutions must be determined by end user.

Store the antibody at -20°C for one year. Avoid repeated freezing and thawing. Gently spin down material before use; 5-10 seconds in a microfuge should be adequate.

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