

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

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



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