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Anti-Vesicular GABA transporter (VGAT) Antibody

Our Anti-Vesicular GABA transporter (VGAT) rabbit polyclonal primary antibody from PhosphoSolutions
Catalog # AN1604

Product Information

Application	WB, IHC, ICC
Primary Accession	O35458
Reactivity	Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	57407

Additional Information

Gene ID	83612
Other Names	bA122O1.1 antibody, GABA and glycine transporter antibody, hVIAAT antibody, SLC32A1 antibody, SLC32A 1 antibody, Slc32a1 antibody, solute carrier family 32 (GABA vesicular transporter) member 1 antibody, Solute carrier family 32 member 1 antibody, Vesicular GABA Amino Acid Transporter antibody, Vesicular GABA transporter antibody, Vesicular inhibitory amino acid transporter antibody, VGAT antibody, VIAAT antibody, VIAAT_HUMAN antibody
Target/Specificity	The Vesicular GABA Amino Acid Transporter (VGAT) is responsible for transport of the inhibitory neurotransmitter into synaptic vesicles(McIntire et al., 1997). The VGAT protein (also known as the Vesicular Inhibitory Amino Aid Transporter or VIAAT) is expressed in synaptic vesicles of both glycine and GABAergic synapses throughout the CNS (Chaudhry et al., 1998). Expression of the VGAT protein changes during development and also in response to patterns of neuronal activity (De et al., 2005).
Dilution	WB~~1:1000 IHC~~1:100~500 ICC~~N/A
Format	Antigen Affinity Purified from Pooled Serum
Storage	Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	Anti-Vesicular GABA transporter (VGAT) Antibody is for research use only and not for use in diagnostic or therapeutic procedures.
Shipping	Blue Ice

Background

The Vesicular GABA Amino Acid Transporter (VGAT) is responsible for transport of the inhibitory neurotransmitter into synaptic vesicles(McIntire et al., 1997). The VGAT protein (also known as the Vesicular Inhibitory Amino Aid Transporter or VIAAT) is expressed in synaptic vesicles of both glycine and GABAergic synapses throughout the CNS (Chaudhry et al., 1998). Expression of the VGAT protein changes during development and also in response to patterns of neuronal activity (De et al., 2005).