

Product datasheet

anti-Vesicular Acetylcholine Transporter rabbit polyclonal, serum

Short overview

Cat. No.	16087
Quantity	50 µl (lyoph.)

Product description

Host	Rabbit
Antibody Type	Polyclonal
Immunogen	Synthetic peptide from the C-terminus of rat VACHT conjugated to BSA
Formulation	Lyophilized; reconstitute in 100 µl dist. water
UniprotID	O35304 (Mouse), Q62666 (Rat)
Conjugate	Unconjugated
Purification	Undiluted antiserum
Storage before reconstitution	2-8°C until indicated expiry date
Storage after reconstitution	Up to 3 months at 2-8°C; long term storage in aliquots at -20°C; avoid freeze/thaw cycles
Intended use	Research use only
Application	IHC
Reactivity	Human, Rat

Applications

Immunohistochemistry (IHC) - frozen	1:800-1:1,200
Immunohistochemistry (IHC) - paraffin	1:800-1:1,200 (microwave treatment recommended)

Background

The antiserum against the vesicular acetylcholine transporter is a unique immunohistochemical marker for cholinergic nerves, more specific than the commonly used acetylcholine esterase (AChE), since it does not react with postsynaptic neurons, and is more sensitive than choline acetyltransferase (ChAT). The antiserum recognizes VACHT both in the CNS and PNS of rat and mouse. Absorption with 10-100 µg immunogen per ml diluted antiserum abolishes staining.

Positive control: frozen sections of rat small intestine.

Product images



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