

## Product datasheet

anti-Vesicular Acetylcholine Transporter guinea pig polyclonal, serum

### Short overview

<b>Cat. No.</b>	16084
<b>Quantity</b>	50 µl (lyoph.)

### Product description

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

### Applications

<b>Immunohistochemistry (IHC) - frozen</b>	1:5,000-1:10,000
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### Background

The antiserum against the vesicular acetylcholine transporter is a unique immunohistochemical marker for cholinergic nerves, more specific than the commonly used acetylcholinesterase (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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