

Product: Anti- Vesicular acetylcholine Transporter (VAcHT)
Catalog #: 03-16084
Amount: 50 ml

CATEGORY: Guinea pig Polyclonal
FORM: Serum containing 0.1% sodium azide
IMMUNOGEN: Synthetic peptide from the C-terminus of rat VAcHT, conjugated to BSA
DESCRIPTION/SPECIFICITY: 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. Absorption with 10-100 µg immunogen per ml diluted antiserum abolishes staining.

ANTIGEN RECOGNIZED IN

SPECIES (tested so far): Rat, mouse

RECOMMENDED FOR

POSITIVE CONTROL: Frozen sections of rat small intestine

DILUTION BUFFER: 0.1 M PBS with 1% BSA and 0.1% Na-Azide

APPLICATION: Immunohistochemistry, suitable for frozen sections.

INCUBATION TIME: Overnight at 4°C

WORKING DILUTION: 1:500 to 1:1,000 using FITC conjugates as secondary antibody

STORAGE: 2-8°C for immediate use, or at -20°C (aliquot)

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