

Datasheet: 0030-2004

BATCH NUMBER 161771

Description:	RABBIT ANTI ACETYLCHOLINE
Specificity:	ACETYLCHOLINE
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	1 ml

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Immunohistology - Frozen	▪			
Immunohistology - Paraffin			▪	
ELISA	▪			1/50 - 1/500

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using the appropriate negative/positive controls.

Target Species

Broad

Species Cross Reactivity

Reacts with: Rat, Human

N.B. Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.

Product Form

Purified Ig - liquid

Preparation

Purified IgG prepared by affinity chromatography on Protein A from tissue culture supernatant

Buffer Solution

Phosphate buffered saline

Preservative Stabilisers

0.09% Sodium Azide (NaN₃)

Approx. Protein Concentrations	Ig concentration 5.0 mg/ml
Immunogen	Synthetic acetylcholine conjugated to Keyhole limpet Haemocyanin.
RRID	AB_620651
Specificity	Rabbit anti acetylcholine polyclonal antibody recognizes the small cationic neurotransmitter acetylcholine, involved in the transmission of nerve impulses across synapses. The structure of acetylcholine is preserved across the animal kingdom and the Rabbit anti acetylcholine is expected to recognize acetylcholine from all species possessing this neurotransmitter.
Histology Positive Control Tissue	Rat brain tissue
References	<ol style="list-style-type: none"> 1. Tayebati, S.K. <i>et al.</i> (2002) Immunochemical and immunocytochemical characterization of cholinergic markers in human peripheral blood lymphocytes. J Neuroimmunol. 132: 147-55. 2. El-Assouad, D. and Tayebati, S.K. (2002) Cholinergic innervation of pial arteries in senescent rats: an immunohistochemical study. Mech Ageing Dev. 123: 529-36. 3. Amenta, F. <i>et al.</i> (2006) Association with the cholinergic precursor choline alphoscerate and the cholinesterase inhibitor rivastigmine: an approach for enhancing cholinergic neurotransmission. Mech Ageing Dev. 127: 173-9.
Storage	<p>This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C.</p> <p>Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.</p>
Guarantee	12 months from date of despatch
Health And Safety Information	Material Safety Datasheet documentation #10040 available at: https://www.bio-rad-antibodies.com/SDS/0030-2004 10040
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

- Sheep Anti Rabbit IgG (STAR34...) [FITC](#)
- Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)
- Sheep Anti Rabbit IgG (STAR35...) [RPE](#)
- Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)

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batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets

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