

Datasheet: 0030-2004

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

Product Details

RRID AB_620651

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.

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.

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

1. Amenta, F. *et al.* (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.](#)
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. Tayebati, S.K. *et al.* (2002) Immunochemical and immunocytochemical characterization of cholinergic markers in human peripheral blood lymphocytes. [J Neuroimmunol. 132: 147-55.](#)

Storage

Store at +4°C or at -20°C if preferred.
Storage in frost-free freezers is not recommended.
This product should be stored undiluted.
Avoid repeated freezing and thawing as this may denature the antibody.
Should this product contain a precipitate we recommend microcentrifugation before use.

Guarantee

18 months from date of despatch.

**Health And Safety
Information**

Material Safety Datasheet documentation #10040 available at:
10040: <https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf>

Regulatory

For research purposes only

Related Products

Recommended Secondary Antibodies

- Sheep Anti Rabbit IgG (STAR34...) [FITC](#)
Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)
Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)
Sheep Anti Rabbit IgG (STAR35...) [RPE](#)
Sheep Anti Rabbit IgG (2AB02...) [Biotin](#)
Sheep Anti Rabbit IgG (STAR36...) [DyLight@488](#), [DyLight@680](#), [DyLight@800](#)

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