

Datasheet: 0200-0042

BATCH NUMBER 150033

Description:	RABBIT ANTI ELECTRIC EEL ACETYLCHOLINESTERASE
Specificity:	ACETYLCHOLINESTERASE
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
ELISA	▪			1/6K - 1/24K
Western Blotting	▪			1/10 - 1/50

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

Fish

Species Cross Reactivity

Based on sequence similarity, is expected to react with: 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 IgG - liquid

Preparation

Purified IgG prepared by affinity chromatography on Protein G

Buffer Solution

Phosphate buffered saline

Preservative Stabilisers

0.09% Sodium Azide (NaN₃)

Approx. Protein

IgG concentration 5.0 mg/ml

Concentrations

Immunogen Highly purified acetylcholine esterase from *Electrophorus electricus*. EC no. 3.1.1.7

External Database Links

UniProt:
[O42275](#) [Related reagents](#)

RRID AB_619316

Specificity **Rabbit anti Electric Eel Acetylcholinesterase antibody** recognizes acetylcholinesterase from *Electrophorus electricus* (electric eel).
Acetylcholinesterase exists as a homotetramer composed of 4 70kDa subunits. Each subunit contains 1 enzymatically active site.
Acetylcholinesterase catalyses the hydrolysis of acetylcholine to acetate and choline.

References 1. Mappouras, D.G. *et al.* (1995) Antibodies to acetylcholinesterase cross-reacting with thyroglobulin in myasthenia gravis and Graves's disease. [Clin Exp Immunol. 100: 336-43.](#)

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 12 months from date of despatch

Health And Safety Information Material Safety Datasheet documentation #10040 available at:
<https://www.bio-rad-antibodies.com/SDS/0200-0042>
10040

Regulatory For research purposes only

Related Products

Recommended Secondary Antibodies

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

Recommended Useful Reagents

[TidyBlot WESTERN BLOT DETECTION REAGENT:HRP \(STAR209P\)](#)

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

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