

**Anti-ACETYL CHOLINESTERASE (Bovine Erythrocytes) (GOAT) Antibody - 100-101-232**
**Code:** 100-101-232

**Size:** 2 mL

**Product Description:** Anti-ACETYL CHOLINESTERASE (Bovine Erythrocytes) (GOAT) Antibody - 100-101-232

**Concentration:** 90 mg/mL by Refractometry

**PhysicalState:** Lyophilized

|                               |   |
|-------------------------------|---|
| <b>Label</b>                  | Unconjugated  |
| <b>Host</b>                   | Goat  |
| <b>Gene Name</b>              | ACHE  |
| <b>Species Reactivity</b>     | bovine  |
| <b>Buffer</b>                 | 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2  |
| <b>Reconstitution Volume</b>  | 2.0 mL  |
| <b>Reconstitution Buffer</b>  | Restore with deionized water (or equivalent)  |
| <b>Stabilizer</b>             | None  |
| <b>Preservative</b>           | 0.01% (w/v) Sodium Azide  |
| <b>Storage Condition</b>      | Store vial at 4° C prior to restoration. For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.   |
| <b>Synonyms</b>               | goat anti-Acetyl Cholinesterase Antibody, Acetyl cholinesterase, AChE, Acetylcholinesterase   |
| <b>Application Note</b>       | This product has been assayed against 1.0 µg of Acetyl Cholinesterase [Bovine Erythrocytes] in a standard ELISA using Peroxidase conjugated Affinity Purified anti-Goat IgG [H&L] (Goat) code #611-1302 and (ABTS (2,2'-azino-bis-[3-ethylbenthiazoline-6-sulfonic acid]) code # ABTS-100 as a substrate for 30 minutes at room temperature. A working dilution of 1:20,000 to 1:100,000 of the reconstitution concentration is suggested for this product. |
| <b>Background</b>             | Acetylcholinesterase terminates signal transduction at the neuromuscular junction by rapid hydrolysis of the acetylcholine released into the synaptic cleft.  |
| <b>Purity And Specificity</b> | Anti-Acetyl Cholinesterase was prepared from monospecific antiserum by a delipidation and defibrination. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-goat serum, purified and partially purified Acetyl Cholinesterase [Bovine Erythrocytes]. Cross reactivity against Acetyl Cholinesterase from other sources is unknown.   |
| <b>Assay Dilutions</b>        | User Optimized  |
| <b>ELISA</b>                  | 1:5,000 - 1:20,000  |
| <b>Western Blot</b>           | 1:500 - 1:5,000   |
| <b>Other Assays</b>           | User Optimized  |
| <b>Expiration</b>             | Expiration date is one (1) year from date of opening.   |
| <b>Immunogen</b>              | Acetyl Cholinesterase [Bovine Erythrocytes]   |
| <b>Related Products</b>       |   |
| 200-301-268                   | Anti-AKT pS473 (MOUSE) Monoclonal Antibody - 200-301-268  |
| 605-452-013                   | Anti-GOAT IgG (H&L) (RABBIT) Antibody ATTO 488 Conjugated (Min X Hu, Ms, Rb Serum Proteins) - 605-452-013   |
| 605-703-125                   | Anti-GOAT IgG (H&L) (DONKEY) Antibody Peroxidase Conjugated (Min X Ch GP Ham Hs Ms Rb & Rt Serum Proteins) - 605-703-125  |
| B304                          | NORMAL GOAT SERUM (NGS) - B304  |

## Related Links

UniProtKB - P23795

<http://www.uniprot.org/uniprot/P23795>

NCBI - P23795.2 <http://www.ncbi.nlm.nih.gov/protein/P23795.2>

GeneID - 540446

## Disclaimer

This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information. All products of animal origin manufactured by Rockland Immunochemicals are derived from starting materials of North American origin. Collection was performed in United States Department of Agriculture (USDA) inspected facilities and all materials have been inspected and certified to be free of disease and suitable for exportation. All properties listed are typical characteristics and are not specifications. All suggestions and data are offered in good faith but without guarantee as conditions and methods of use of our products are beyond our control. All claims must be made within 30 days following the date of delivery. The prospective user must determine the suitability of our materials before adopting them on a commercial scale. Suggested uses of our products are not recommendations to use our products in violation of any patent or as a license under any patent of Rockland Immunochemicals, Inc. If you require a commercial license to use this material and do not have one, then return this material, unopened to: Rockland Inc., P.O. BOX 5199, Limerick, Pennsylvania, USA.