

## Goat anti Rabbit IgG (heavy and light chains) Secondary Antibody

Goat anti Rabbit IgG (heavy and light chains)

|                              |                     |                                                    |
|------------------------------|---------------------|----------------------------------------------------|
| CATALOG #<br><b>AAA77558</b> | HOST<br><b>Goat</b> | APPLICATIONS<br><b>IEP (Immunoelectrophoresis)</b> |
|------------------------------|---------------------|----------------------------------------------------|

### PRODUCT SYNONYMS

Goat anti Rabbit IgG (heavy and light chains); Polyclonal Secondary Antibody; Goat anti Rabbit IgG (heavy and light chains) secondary antibody

### PRODUCT SPECIFICATIONS

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| Host                                                                                         | Goat                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Clonality                                                                                    | Polyclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Specificity                                                                                  | Precipitating polyclonal Goat antiSerum to Rabbit IgG, heavy and light chains.                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Form/Format                                                                                  | Delipidated, heat inactivated lyophilized stable whole serum No preservative added, as it may interfere with the antibody activity. No foreign protein added. Total protein and IgG concentration in the antiserum are comparable to those of pooled goat serum                                                                                                                                                                                                                                                |
| Applicable Applications for Goat anti Rabbit IgG (heavy and light chains) secondary antibody | IEP (Immunoelectrophoresis)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Species Reactivity                                                                           | Inter-species cross-reactivity is a normal feature of antibodies to immunoglobulins, since Ig of different species frequently share antigenic determinants. Cross-reactivity of this antiSerum has been tested in double radial immunodiffusion with the following results: Bovine – Dog + Hamster + Mouse ± Rat - Turkey - Cat + Duck - Horse + Monkey + Sheep - Chicken – Guinea Pig + Human + pigeon - Swine +                                                                                              |
| Source                                                                                       | Purified normal IgG isolated from pooled rabbit serum. Freund's complete adjuvant is used in the first step of the immunization procedure.                                                                                                                                                                                                                                                                                                                                                                     |
| Product                                                                                      | Delipidated, heat inactivated lyophilized stable whole serum No preservative added, as it may interfere with the antibody activity. No foreign protein added. Total protein and IgG concentration in the antiserum are comparable to those of pooled goat serum. No foreign proteins added. It is reconstituted by adding 1 ml sterile distilled water.                                                                                                                                                        |
| Preparation and Storage                                                                      | The lyophilised antiserum is shipped at ambient temperature and may be stored at +4°C; prolonged storage at or below -20°C. Working dilutions are prepared by adding sterile phosphate buffered saline (PBS, pH 7.2). Repeated thawing and freezing should be avoided. Working dilutions should be stored at +4°C, not refrozen, and preferably used the same day. If a slight precipitation occurs upon storage, this should be removed by centrifugation. It will not affect the performance of the product. |

### ADDITIONAL INFORMATION

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| Related Product Information for Goat anti Rabbit IgG (heavy and light chains) secondary antibody | The reactivity of the antiserum is directed to the Fc and Fab subunits of the IgG molecule. It includes a certain degree of reactivity with other immunoglobulins via the common Fab portion. It does not react with any non-Ig protein in rabbit serum, as tested by immunoelectrophoresis and double radial immunodiffusion. In precipitating techniques as immunoelectrophoresis and double radial immunodiffusion to identify the presence of IgG; as secondary antibody to precipitate the immunoglobulin in normal rabbit serum; to prepare an immunoadsorbent for the production of Ig-free rabbit serum, plasma or non-Ig preparations. |
| Product Categories/Family for Goat anti Rabbit IgG (heavy and light chains) secondary antibody   | <a href="#">Antisera</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/goat-anti-rabbit-igg-heavy-and-light-chains-secondary-antibody-immunoelectrophoresis-elisa/77558>