

## Goat anti Rabbit IgG (Fc specific) Secondary Antibody

Goat anti Rabbit IgG (Fc specific), conjugated with Horseradish peroxidase

| CATALOG # | HOST | REACTIVITY                                                                                                                                                                                                                  | APPLICATIONS                                                                         |
|-----------|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| AAA77548  | Goat | 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 product has not been tested in detail. | Immunoblot, Western Blot, Dot Blot, Immunohistochemistry, Immunocytochemistry, ELISA |

### PRODUCT SYNONYMS

Goat anti Rabbit IgG (Fc specific); Polyclonal Secondary Antibody; conjugated with Horseradish peroxidase; Goat anti Rabbit IgG (Fc specific) secondary antibody

### PRODUCT SPECIFICATIONS

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| Host                                                                              | Goat                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 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 product has not been tested in detail.                                                                                                                                                                                                                                                                                                                                                                             |
| Clonality                                                                         | Polyclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Specificity                                                                       | Horseradish peroxidase-conjugated IgG fraction of polyclonal Goat antiSerum to Rabbit IgG, Fc specific.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Form/Format                                                                       | Horseradish peroxidase-coupled purified hyperimmune goat IgG lyophilized from a solution in phosphate buffered saline (PBS, pH 7.2).                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Applicable Applications for Goat anti Rabbit IgG (Fc specific) secondary antibody | IB (Immunoblot), DB (Dot Blot), IHC (Immunohistochemistry), ICC (Immunocytochemistry), ELISA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Product Type                                                                      | Secondary Antibodies                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Source                                                                            | Purified normal IgG isolated from pooled rabbit serum. Freund's complete adjuvant is used in the first step of the immunization procedure.                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Product                                                                           | Horseradish peroxidase-coupled purified hyperimmune goat IgG lyophilized from a solution in phosphate buffered saline (PBS, pH 7.2). No preservative added, as it may interfere with the antibody activity. It is reconstituted by adding 1 ml sterile distilled water, spun down to remove insoluble particles, divided into small aliquots, frozen and stored at or below - 20°C.                                                                                                                                                                                                                     |
| Species Reactivity                                                                | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Preparation and Storage                                                           | The lyophilized conjugate is shipped at ambient temperature and may be stored at +4°C; prolonged storage at or below -20°C. Prior to use, an aliquot is thawed slowly at ambient temperature, spun down again and used to prepare working dilutions 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 (Fc specific) secondary antibody | The reactivity of the antiserum is directed to the Fc subunit of the IgG molecule which expresses strict isotypic (class) specificity. It does not react with any non-Ig protein in rabbit serum, as tested by immunoelectrophoresis and double radial immunodiffusion. In enzyme-immunocytochemical and immunohistochemical staining for the detection of IgG at the cellular and subcellular level by staining of appropriately treated cell and tissue substrates; to demonstrate circulating IgG antibodies in microbiology and autoimmune diseases; to identify a specific antigen using a reference antibody of rabbit origin known to be of the IgG isotype in the middle layer of the indirect test procedure; in non-isotopic assay methodology (e.g. ELISA) to measure IgG in rabbit serum or other body fluids. This immunoconjugate is not pre-diluted. The optimum working dilution of each conjugate should be established by titration before being used. Excess labelled antibody must be avoided because it may cause high unspecific background staining and interfere with the specific signal. |
| Product Categories/Family for Goat anti Rabbit IgG (Fc specific) secondary antibody   | Conjugated Secondary Antibody                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

**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://www.aaabiotech.com/polyclonal/goat-anti-rabbit-igg-fc-specific-secondary-antibody-immunoblot-dot-blot-immunohistochemistry-immunocytochemistry-elisa/77548>