

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

Rabbit anti pigeon IgG (heavy and light chains), conjugated with Horseradish peroxidase

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                                                                         |
|-----------|--------|------------|--------------------------------------------------------------------------------------|
| AAA77611  | Rabbit | Pigeon     | Immunoblot, Western Blot, Dot Blot, Immunohistochemistry, Immunocytochemistry, ELISA |

### PRODUCT SYNONYMS

Rabbit anti pigeon IgG (heavy and light chains); Polyclonal Secondary Antibody; conjugated with Horseradish peroxidase; Rabbit anti pigeon IgG (heavy and light chains) secondary antibody

### PRODUCT SPECIFICATIONS

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| Host                                                                                           | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Reactivity                                                                                     | Pigeon                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Clonality                                                                                      | Polyclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Isotype                                                                                        | IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Specificity                                                                                    | Horseradish peroxidase-conjugated IgG fraction of polyclonal Rabbit antiSerum to pigeon IgG, heavy and light chains.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Form/Format                                                                                    | HRP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Applicable Applications for Rabbit anti pigeon IgG (heavy and light chains) secondary antibody | IB (Immunoblot), DB (Dot Blot), IHC (Immunohistochemistry), ICC (Immunocytochemistry), ELISA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Source                                                                                         | Purified normal IgG isolated from pooled pigeon serum. Freund's complete adjuvant is used in the first step of the immunization procedure.                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Product                                                                                        | Peroxidase-coupled purified hyperimmune rabbit 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 Note                                                                        | Inter-species cross-reactivity is a normal feature of antibodies to immunoglobulins, since Ig of different species frequently share antigenic determinants. The degree of cross-reactivity depends in addition to the phylogenetic relationship also on the concentration of the reactants and the sensitivity of the assay format. Cross-reactivity of this antiSerum has not been tested in detail, however in immunoelectrophoresis a reaction with Chicken, Duck and Turkey has been observed.                                                                                                              |
| 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 immunoconjugate. |

ADDITIONAL INFORMATION

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| Related Product Information for Rabbit anti pigeon 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 pigeon serum, as tested by immunoelectrophoresis and double radial immunodiffusion In enzyme-immunocytochemical and immunohistochemical staining for the detection of IgG, antigen or antibody, of appropriately treated cell and tissue substrates at the cellular and subcellular level. In nonisotopic assay methodology (e.g. ELISA) to identify and measure a specific IgG in pigeon serum or other body fluid. In electron microscopy, since the complex between the conjugated antibody and the antigen also has electron-dense properties. 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 Rabbit anti pigeon IgG (heavy and light chains) 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://stage.aaabiotech.com/polyclonal/rabbit-anti-pigeon-igg-heavy-and-light-chains-secondary-antibody-immunoblot-dot-blot-immunohistochemistry-immunocytochemistry-elisa/77611>