

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

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

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA77576	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 Biotin; Rabbit anti pigeon IgG (heavy and light chains) secondary antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Pigeon
Clonality	Polyclonal
Isotype	IgG
Form/Format	Biotin-coupled purified hyperimmune rabbit IgG lyophilized from a solution in phosphate buffered saline (PBS, pH 7.2). No preservative added
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.
Cross reactivity	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
Product	Biotin-coupled purified hyperimmune rabbit IgG lyophilized from a solution in phosphate buffered saline (PBS, pH 7.2). No preservative added 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.
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 in the dark 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

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 immunocytochemical and immunohistochemical staining to identify and measure IgG, antigen or antibody, at the cellular and subcellular level by staining of appropriately treated cell and tissue substrates, and to demonstrate circulating antibodies in microbiology and autoimmune diseases; to identify a specific antigen or immune complex using a reference antibody of pigeon origin in the middle layer of the indirect test procedure. As a second step an avidin or streptavidin conjugate of the user's choice has to be used. 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/77576>