

# Product Datasheet

## Rabbit anti-Pigeon IgG (H+L) Secondary Antibody NBP2-69421

Unit Size: 1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP2-69421****Rabbit anti-Pigeon IgG (H+L) Secondary Antibody**

<b>Product Information</b>	
<b>Unit Size</b>	1 ml
<b>Concentration</b>	LYOPH mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	No Preservative
<b>Reconstitution Instructions</b>	Reconstitute by adding 1 ml sterile distilled water. Working dilutions are prepared by adding sterile phosphate buffered saline (PBS, pH 7.2).
<b>Purity</b>	Whole Antiserum
<b>Buffer</b>	Whole antiserum

<b>Product Description</b>	
<b>Description</b>	The lyophilized antiserum is shipped at ambient temperature and may be stored at 4C; prolonged storage at or below -20C. 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 4C, 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
<b>Host</b>	Rabbit
<b>Species</b>	Pigeon
<b>Reactivity Notes</b>	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.
<b>Specificity/Sensitivity</b>	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.
<b>Immunogen</b>	Purified normal IgG isolated from pooled pigeon serum. Freund's complete adjuvant is used in the first step of the immunization procedure

<b>Product Application Details</b>	
<b>Applications</b>	Immunoelectrophoresis
<b>Recommended Dilutions</b>	Immunoelectrophoresis
<b>Application Notes</b>	<p>Precipitation assays. In immunoelectrophoresis use 2 ul or equivalent against 120 ul antiserum. In double radial immunodiffusion (Ouchterlony) use a rosette arrangement with 10 ul antiserum in a 3 mm diameter center well and 2 ul serum samples (neat and diluted) in 2 mm diameter peripheral wells.</p> <p>Precipitation assays</p>





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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Secondary Antibodies are guaranteed for 1 year from date of receipt.

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