

# Product Datasheet

## Goat anti-Guinea Pig IgG2 Secondary Antibody NBP2-69546

Unit Size: 1 ml

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

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**NBP2-69546****Goat anti-Guinea Pig IgG2 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 the lyophilized antiserum by adding 1 ml sterile distilled water. Dilutions may be prepared by adding 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. Dilutions may be prepared by adding phosphate buffered saline (PBS, pH 7.2). Repeated thawing and freezing should be avoided. If a slight precipitation occurs upon storage, this should be removed by centrifugation. It will not affect the performance of the antiserum. Diluted antiserum should be stored at 4C, not refrozen, and preferably used the same day.
<b>Host</b>	Goat
<b>Gene ID</b>	3501
<b>Gene Symbol</b>	IGHG2
<b>Species</b>	Guinea Pig
<b>Reactivity Notes</b>	This IgG fraction is not species-specific since inter-species cross-reactivity is a normal feature of antisera to immunoglobulins. Cross-reactivity of this product has not been tested in detail.
<b>Specificity/Sensitivity</b>	The reactivity of the antiserum is directed to the Fc subunit of subclass IgG2. It does not react with other IgG1, IgG/Fab fragments, IgM and IgA or any non-Ig protein in guinea pig serum, as tested by immunoelectrophoresis and double radial immunodiffusion.
<b>Immunogen</b>	Pools of purified normal IgG2 isolated from pooled guinea pig serum. Freund's complete adjuvant is used in the first step of the immunization procedure.

<b>Product Application Details</b>	
<b>Applications</b>	Immunolectrophoresis
<b>Recommended Dilutions</b>	Immunolectrophoresis
<b>Application Notes</b>	<p>Precipitation assays. In immunolectrophoresis 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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### **Products Related to NBP2-69546**

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AB-108-C	Goat IgG Isotype Control [Unconjugated]
NBP2-62076	IgG2 Antibody (RM118)
291-G1-200	IGF-I/IGF-1 [Unconjugated]
NB7276	Goat anti-Chicken IgM Heavy Chain Secondary Antibody

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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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