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## Rabbit anti-Guinea Pig IgG (Heavy & Light Chain) Antibody (HRP)



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### 1 Image

Overview

Quantity:	2 mg
Target:	IgG
Binding Specificity:	Heavy & Light Chain
Reactivity:	Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	HRP
Application:	ELISA
Product Details	
Immunogen:	Anti-Guinea Pig IgG was produced by repeated immunization with guinea pig IgG whole molecule in rabbit.
Isotype:	IgG
Specificity:	IgG (H&L)
Characteristics:	Anti-Guinea Pig IgG (H&L) peroxidase conjugated antibody generated in rabbit detects specifically guinea pig IgG (H&L). This secondary peroxidase conjugated antibody anti-Guinea
	Pig is ideal for investigators who routinely perform titration assays, western-blot,
	immunoprecipitation and more generally immunoassays.
	Concentration Definition: by UV absorbance at 280 nm
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#### **Target Details**

Target:	IgG
Abstract:	IgG Products
Target Type:	Antibody
Background:	Synonyms: Guinea Pig IgG (H&L) Antibody, Rb-a-Guinea Pig IgG(H&L) Peroxidase conjugated, Guinea Pig IgG(H&L) Peroxidase Antibody in rabbit, Rabbit IgG (H&L) peroxidase conjugated Secondary Antibody.

#### **Application Details**

Application	Motes.

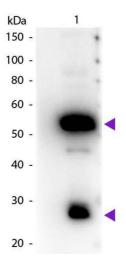
Antibody Anti-Guinea Pig IgG (H&L) peroxidase conjugated has been assayed against 1.0  $\mu$ g of Guinea Pig IgG in a standard capture ELISA using ABTS (2,2'-azino-bis-[3-ethylbenthiazoline-6-sulfonic acid]) as a substrate for 30 minutes at room temperature. A working dilution of 1:4,000 to 1:20,000 of the reconstitution concentration is suggested for this product. This product has been assayed against 1.0  $\mu$ g of Guinea Pig IgG in a standard capture ELISA using ABTS (2,2'-azino-bis-[3-ethylbenthiazoline-6-sulfonic acid]) as a substrate for 30 minutes at room temperature. A working dilution of 1:4,000 to 1:20,000 of the reconstitution concentration is suggested for this product.

Restrictions:

For Research Use only

#### Handling

Format:	Lyophilized
Reconstitution:	Restore with deionized water (or equivalent)
Concentration:	2 mg/mL
Buffer:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Preservative:	Gentamicin sulfate
Handling Advice:	Do NOT add Sodium Azide! Use of Sodium Azide will inhibit enzyme activity of horseradish peroxidase.
Storage:	4 °C



#### **Western Blotting**

**Image 1.** Western Blot of Peroxidase conjugated Rabbit Anti-Guinea Pig IgG secondary antibody. Lane 1: Guinea Pig IgG. Lane 2: None. Load: 50 ng per lane. Primary antibody: None. Secondary antibody: Peroxidase rabbit secondary antibody at 1:1,000 for 60 min at RT. Blocking: ABIN925618 for 30 min at RT. Predicted/Observed size: 25 & 55 kDa, 25 & 55 kDa for Guinea Pig IgG. Other band(s): None.