

Datasheet for ABIN101269

Goat anti-Guinea Pig IgG (Heavy & Light Chain) Antibody (HRP) - Preadsorbed



[Go to Product page](#)

1 Image

Overview

Quantity:	2 mg
Target:	IgG
Binding Specificity:	Heavy & Light Chain
Reactivity:	Guinea Pig
Host:	Goat
Clonality:	Polyclonal
Conjugate:	HRP
Application:	ELISA, Western Blotting (WB)

Product Details

Immunogen:	Anti-Guinea Pig IgG whole molecule was produced by repeated immunization with Guinea Pig IgG whole molecule in goat.
Isotype:	IgG
Specificity:	IgG (H&L)
Characteristics:	Anti-Guinea Pig IgG whole molecule antibody generated in goat detects specifically Guinea Pig IgG whole molecule. This secondary antibody anti-Guinea Pig is ideal for investigators who routinely perform ELISA, Sandwich ELISA, titration assays, western-blot, immunoprecipitation and more generally immunoassays. Concentration Definition: by UV absorbance at 280 nm
Purification:	Preadsorption: Solid phase absorption

Target Details

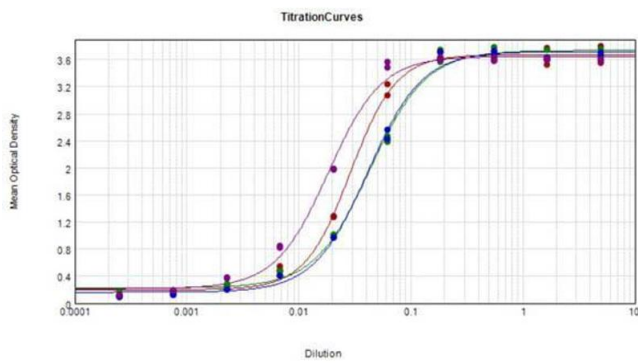
Target:	IgG
Abstract:	IgG Products
Target Type:	Antibody
Background:	Synonyms: Guinea Pig Antibody, Gt-a-Guinea Pig IgG, Guinea Pig Antibody in Goat, Guinea Pig Secondary Antibody

Application Details

Application Notes:	Anti-Guinea Pig IgG whole molecule is suitable for use in immunoelectrophoresis, western-blot, competitive western-blot, ELISA and competitive ELISA assays. Specific conditions for reactivity and signal detection should be optimized by the end user.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Restore with deionized water (or equivalent)
Concentration:	2.0 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



ELISA

Image 1. ELISA results of purified ELISA of Goat Anti-Guinea Pig IgG Antibody Peroxidase Conjugated tested against purified Guinea Pig IgG. Each well was coated in duplicate with 1.0 μg of Guinea Pig IgG. The starting dilution of antibody was 5 $\mu\text{g}/\text{ml}$ and the X-axis represents the Log10 of a 3-fold dilution. This titration is a 4-parameter curve fit where the IC50 is defined as the titer of the antibody. Assay performed using TMB-1000.