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Datasheet for ABIN1043965

## Goat anti-Human IgG (Heavy & Light Chain) Antibody (HRP)

1 Image

1 Publication

### Overview

Quantity:	100 µg
Target:	IgG
Binding Specificity:	Heavy & Light Chain
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	HRP
Application:	ELISA, Immunohistochemistry (IHC), Western Blotting (WB), Dot Blot (DB), Immunoelectron Microscopy (IEM)

### Product Details

Immunogen:	Anti-Human IgG whole molecule was produced by repeated immunization with Human IgG whole molecule in goat.
Isotype:	IgG
Specificity:	IgG (H&L)
Characteristics:	Anti-Human IgG whole molecule antibody generated in goat detects specifically human IgG whole molecule. This secondary antibody anti-Human 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

## Target Details

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Target:	IgG
Abstract:	<a href="#">IgG Products</a>
Target Type:	Antibody
Background:	Synonyms: Human Antibody, Gt-a-Human IgG, Human Antibody in Goat, Human Secondary Antibody

## Application Details

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Application Notes:	Suitable for immunoblotting (western or dot blot), ELISA, immunoperoxidase electron microscopy and immunohistochemistry as well as other peroxidase-antibody based enzymatic assays requiring lot-to-lot consistency.
Restrictions:	For Research Use only

## Handling

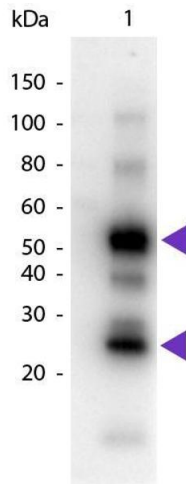
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Format:	Lyophilized
Reconstitution:	Restore with deionized water (or equivalent)
Concentration:	2.0 mg/mL
Buffer:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Preservative:	Gentamicin sulfate
Handling Advice:	Do NOT add Sodium Azide! Use of Sodium Azide will inhibit enzyme activity of horseradish peroxidase.
Storage:	4 °C

## Publications

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Product cited in:	Purkey, Woolfrey, Crosby, Stich, Chick, Aoto, DellAcqua: "AKAP150 Palmitoylation Regulates Synaptic Incorporation of Ca <sup>2+</sup> -Permeable AMPA Receptors to Control LTP." in: <b>Cell reports</b> , Vol. 25, Issue 4, pp. 974-987.e4, (2018) ( <a href="#">PubMed</a> ).
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### Western Blotting

**Image 1.** Western Blot of Goat anti-Human IgG Pre-Adsorbed Peroxidase Conjugated Secondary Antibody. Lane 1: Human IgG. Lane 2: None. Load: 50 ng per lane. Primary antibody: None. Secondary antibody: Peroxidase goat secondary antibody at 1:1,000 for 60 min at RT. Block: ABIN925618 for 30 min at RT. Predicted/Observed size: 25 & 55 kDa, 25 & 55 kDa for Human IgG. Other band(s): Human IgG splice variants and isoforms.