

Datasheet for ABIN101172

**Donkey anti-Goat IgG (Heavy & Light Chain) Antibody (HRP)**[Go to Product page](#)**1** Image**1** Publication

## Overview

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

## Product Details

Immunogen:	Anti-Goat IgG was produced by repeated immunization with Goat IgG whole molecule in donkey.
Isotype:	IgG
Specificity:	IgG (H&L)
Characteristics:	Concentration Definition: by UV absorbance at 280 nm

## Target Details

Target:	IgG
Abstract:	<a href="#">IgG Products</a>
Target Type:	Antibody

## Target Details

Background: Synonyms: Goat Antibody, Dk-a-Goat IgG, Goat Antibody in Donkey, Goat Secondary Antibody

## Application Details

Application Notes: Anti-Goat IgG (H&L) 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

## Publications

Product cited in: Gauthamadasa, Vaitinadin, Dressman, Macha, Homan, Greis, Silva: "Apolipoprotein A-II-mediated conformational changes of apolipoprotein A-I in discoidal high density lipoproteins." in: **The Journal of biological chemistry**, Vol. 287, Issue 10, pp. 7615-25, (2012) ([PubMed](#)).



ELISA

**Image 1.** ELISA results of purified Donkey anti-Goat IgG antibody Peroxidase conjugated tested against purified Goat IgG. Each well was coated in duplicate with 1.0 µg of Goat IgG . The starting dilution of antibody was 5µg/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 3% fish gelatin as blocking buffer, and TMB substrate .