

Datasheet for ABIN7539587

Rabbit anti-Goat IgG (Heavy & Light Chain) Antibody (HRP)[Go to Product page](#)

22 Publications

Overview

Quantity:	1 mg
Target:	IgG
Binding Specificity:	Heavy & Light Chain
Reactivity:	Goat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	HRP
Application:	ELISA, Immunohistochemistry (IHC), Western Blotting (WB), Dot Blot (DB), Immunoelectron Microscopy (IEM)

Product Details

Purpose:	Rabbit Anti-Goat IgG H&L (HRP)
Immunogen:	Goat IgG whole molecule
Isotype:	IgG
Specificity:	IgG (H&L)
Purification:	Rabbit Anti-Goat IgG secondary Antibody was prepared from monospecific antiserum by immunoaffinity chromatography using Goat IgG coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Peroxidase, anti-Rabbit Serum, Goat IgG and Goat Serum.
Grade:	High-quality product from Rockland

Target Details

Target:	IgG
Abstract:	IgG Products
Target Type:	Antibody
Background:	Immunoglobulin heavy constant gamma 1, Ig gamma-1 chain C region, Ig gamma-1 chain C region EU, Ig gamma-1 chain C region KOL, Ig gamma-1 chain C region NIE, IGHG1

Application Details

Application Notes:	Anti-Goat IgG Peroxidase conjugate has been tested by ELISA and western blot. This antibody is suitable for immunoblotting (western or dot blot), ELISA, immunoelectron microscopy and immunohistochemistry as well as other antibody-based enzymatic assays requiring lot-to-lot consistency.
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, 0.01% (w/v) Gentamicin Sulfate, 10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free
Preservative:	Gentamicin sulfate
Precaution of Use:	This product contains Gentamicin sulfate: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Do NOT add Sodium Azide! Use of Sodium Azide will inhibit enzyme activity of horseradish peroxidase.
Storage:	4 °C, -20 °C
Storage Comment:	Store vial at 4° C prior to restoration. For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.
Expiry Date:	12 months

Publications

- Product cited in: Birnbaum, Cohen, Belfi, Murray, Adams, Chisholm, Sundaram: "The proprotein convertase BLI-4 promotes collagen secretion prior to assembly of the *Caenorhabditis elegans* cuticle." in: **PLoS genetics**, Vol. 19, Issue 9, pp. e1010944, (2023) ([PubMed](#)).
- Cheng, Wang, Shinoda, Kawahata, Yamamoto, Jia, Yamamoto, Mizobata, Kawata, Fukunaga: "Fatty acid-binding protein 7 triggers α -synuclein oligomerization in glial cells and oligodendrocytes associated with oxidative stress." in: **Acta pharmacologica Sinica**, Vol. 43, Issue 3, pp. 552-562, (2022) ([PubMed](#)).
- Cheng, Jia, Kawahata, Fukunaga: "A novel fatty acid-binding protein 5 and 7 inhibitor ameliorates oligodendrocyte injury in multiple sclerosis mouse models." in: **EBioMedicine**, Vol. 72, pp. 103582, (2022) ([PubMed](#)).
- Lim, Bae, Lee, Lee: "Palmitoyl-RGD promotes the expression of dermal-epidermal junction components in HaCaT cells." in: **Molecular medicine reports**, Vol. 26, Issue 4, (2022) ([PubMed](#)).
- Cohen, Bermudez, Good, Sundaram: "A *C. elegans* Zona Pellucida domain protein functions via its ZPc domain." in: **PLoS genetics**, Vol. 16, Issue 11, pp. e1009188, (2021) ([PubMed](#)).

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