



[Go to Product page](#)

Datasheet for ABIN102159

Rabbit anti-Rat IgG (Heavy & Light Chain) Antibody (HRP)

1 Image

1 Publication

Overview

Quantity:	2 mg
Target:	IgG
Binding Specificity:	Heavy & Light Chain
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	HRP
Application:	Immunoassay (IA)

Product Details

Immunogen:	Rat IgG whole molecule
Isotype:	IgG
Specificity:	IgG (H&L)
Characteristics:	Concentration Definition: by UV absorbance at 280 nm

Target Details

Target:	IgG
Abstract:	IgG Products
Target Type:	Antibody

Application Details

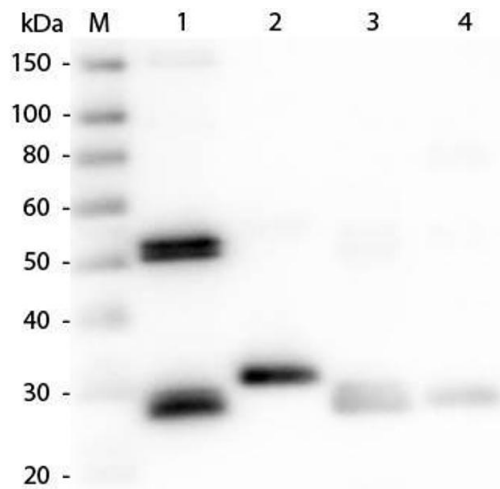
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	When choosing a secondary antibody product, consideration must be given to species and immunoglobulin specificity, conjugate type, fragment and chain specificity, level of cross-reactivity, and host-species source and fragment
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:	Blair, Liu, Labitigan, Wu, Zheng, Xia, Pearson, Nazeer, Cao, Lang, Rines, Mackintosh, Moore, Li, Tian, Tackett, Yan: "KDM5 lysine demethylases are involved in maintenance of 3'UTR length." in: Science advances , Vol. 2, Issue 11, pp. e1501662, (2017) (PubMed).
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Western Blotting

Image 1. Western Blot of Anti-Rat IgG (H&L) (RABBIT) Antibody . Lane M: 3 μ l Molecular Ladder. Lane 1: Rat IgG whole molecule . Lane 2: Rat IgG F(c) Fragment . Lane 3: Rat IgG Fab Fragment . Lane 4: Rat IgM Whole Molecule . All samples were reduced. Load: 50 ng per lane. Block: ABIN925618 for 30 min at RT. Primary Antibody: Anti-Rat IgG (H&L) (RABBIT) Antibody 1:1,000 for 60 min at RT. Secondary Antibody: Anti-Rabbit IgG (GOAT) Peroxidase Conjugated Antibody 1:40,000 in ABIN925618 for 30 min at RT. Predicted/Observed Size: 25 and 55 kDa for Rat IgG, 25 kDa for F(c) and Fab, 78 and 25 kDa for IgM. Rat F(c) migrates slightly higher.