

## Product Datasheet

# Rabbit IgG (H&L) Antibody Peroxidase Conjugated Pre-Adsorbed (orb347678)

|                             |   |
|-----------------------------|---|
| <b>Catalog Number</b>       | orb347678   |
| <b>Category</b>             | Antibodies  |
| <b>Description</b>          | RABBIT IgG (H&L) antibody (Peroxidase)  |
| <b>Clonality</b>            | Polyclonal  |
| <b>Species/Host</b>         | Goat  |
| <b>Isotype</b>              | IgG   |
| <b>Conjugation</b>          | HRP   |
| <b>Reactivity</b>           | Rabbit  |
| <b>Form/Appearance</b>      | Lyophilized   |
| <b>Concentration</b>        | 1.0 mg/mL   |
| <b>Buffer/Preservatives</b> | Preservative: 0.01% (w/v) Gentamicin Sulfate. Do NOT add Sodium Azide!.<br>Stabilizer: 10 mg/mL Bovine Serum Albumin (rAlbumin) - Immunoglobulin and<br>Protease free; Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH<br>7.2  |
| <b>Purity</b>               | Anti-RABBIT IgG (H&L) (GOAT) Antibody Peroxidase Conjugated was prepared from monospecific antiserum by immunoaffinity chromatography using Rabbit 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-Goat Serum, Rabbit IgG and Rabbit Serum. No reaction was observed against Human Serum Proteins. |
| <b>Immunogen</b>            | Rabbit IgG whole molecule   |

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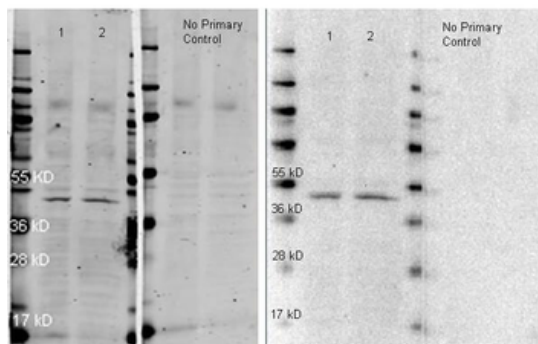
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|                            |   |
|----------------------------|---|
| <b>Tested applications</b> | ELISA, IHC, WB  |
| <b>Dilution range</b>      | ELISA: 1:10,000-1:100,000, IHC: 1:500-1:5,000, WB: 1:5,000-1:40,000   |
| <b>Application notes</b>   | Goat Anti-Rabbit IgG peroxidase conjugated antibody has been tested by ELISA and western blot and is 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. 0.48 moles Peroxidase (HRP) per mole. Reconstitution Buffer: Restore with deionized water (or equivalent). Reconstitution Volume: 500 µL |
| <b>Antibody Type</b>       | Secondary Antibody  |
| <b>Storage</b>             | 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.   |
| <b>Note</b>                | For research use only   |
| <b>Expiration Date</b>     | 12 months from date of receipt.   |



Western Blot of Goat anti-Rabbit IgG Peroxidase Conjugated Antibody. Lane 1: HeLa Whole Cell Lysate. Lane 2: NIH 3T3 Whole Cell Lysate. Load: 10 µg per lane. Primary antibody: Beta Actin antibody at 1:2000 for overnight at 4°C. Secondary antibody (2 Blots on Left): Atto 647N goat secondary antibody at 1:10000 for 60 min at RT. Secondary Antibody (2 Blots on Right): Peroxidase goat secondary antibody at 1:10000 for 60 min at RT. Block: 5% BLOTTO overnight at 4°C. Predicted/Observed size: 50 kDa, 50 kDa for Beta Actin. Other band(s): none.

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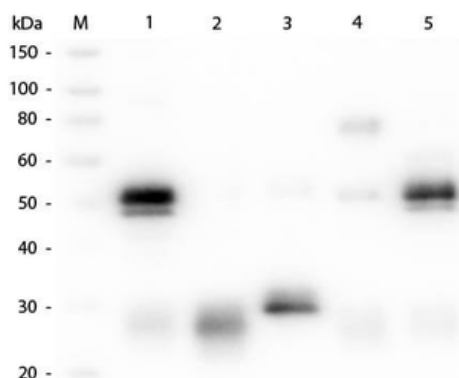
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Western Blot of Unconjugated Anti-Rabbit IgG (H&L) (GOAT) Antibody (Min X Bv, Ch, Gt, GP, Ham, Hs, Hu, Ms, Rt & Sh Serum Proteins) (p/n orb347649). Lane M: 3  $\mu$ l Molecular Ladder. Lane 1: Rabbit IgG whole molecule (p/n orb2652747). Lane 2: Rabbit IgG F(ab) Fragment (p/n orb2652745). Lane 3: Rabbit IgG F(c) Fragment (p/n orb346280). Lane 4: Rabbit IgM Whole Molecule (p/n orb346313). Lane 5: Normal Rabbit Serum. All samples were reduced. Load: 50 ng per lane. Block: orb348637 for 30 min at RT. Primary Antibody: Anti-Rabbit IgG (H&L) (GOAT) Antibody (Min X Bv, Ch, Gt, GP, Ham, Hs, Hu, Ms, Rt & Sh Serum Proteins) (p/n orb347649) 1:1000 for 60 min at RT. Secondary antibody: Anti-Goat IgG (DONKEY) Peroxidase Conjugated Antibody 1:40000 in orb348637 for 30 min at RT. Predicted/Observed Size: 25 and 50 kDa for Rabbit IgG and Serum, 25 kDa for F(c) and F(ab), 70 and 23 kDa for IgM. Rabbit F(c) migrates slightly higher.

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