

## **Product Datasheet**

# Rabbit IgG (H&L) Secondary Antibody Peroxidase Conjugated (orb347673)

Catalog Number orb347673

**Category** Antibodies

**Description** RABBIT IgG (H&L) antibody (Peroxidase)

**Clonality** Polyclonal

Species/Host Goat

**Isotype** IgG

Conjugation HRP

**Reactivity** Rabbit

Form/Appearance Lyophilized

**Concentration** 2.0 mg/mL

**Buffer/Preservatives** 0.01% (w/v) Gentamicin Sulfate. Do NOT add Sodium Azide!

**Purity** RABBIT IgG (H&L) Secondary Antibody Peroxidase Conjugated was prepared

from monospecific antiserum by immunoaffinity chromatography using Rabbit IgG coupled to agarose beads. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Peroxidase, anti-Goat Serum, Rabbit IgG and

Rabbit Serum.

Immunogen Rabbit IgG whole molecule

**Tested applications** ELISA, IHC, WB

**Dilution range** ELISA: 1:150,000 - 1:250,000, IHC: 1:500 - 1:2,500, WB: 1:10,000 - 1:20,000





#### **Application notes**

Anti-Rabbit IgG Peroxidase Conjugated Antibody has been tested by ELISA and western blot and is suitable for ELISA, Sandwich ELISA, titration assays, western-blot, immunoprecipitation, Immunohistochemistry as well as other HRP antibody based assays. Specific conditions for reactivity and signal detection should be optimized by the end user.

#### **Antibody Type**

Secondary Antibody

#### **Storage**

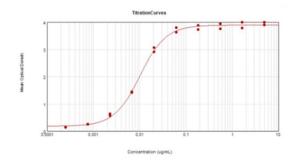
Store secondary antibody at 4° C prior to restoration. For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.

#### Note

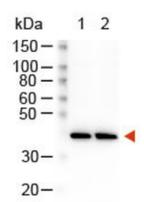
For research use only

### **Expiration Date**

12 months from date of receipt.



ELISA results of Goat Anti-Rabbit IgG Antibody Peroxidase Conjugated tested against purified Rabbit IgG protein. Each well was coated in duplicate with 10  $\mu$ g of Rabbit IgG (p/n orb2652747). The starting dilution of antibody was 5  $\mu$ g/ml and the X-axis represents the Log10 of a 3-fold dilution. The titer is 1:98500. 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 p/n orb348651.



Western Blot of Peroxidase Conjugated Goat Anti-Rabbit 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 1:1000 for overnight at 4°C. Secondary antibody: Peroxidase Conjugated Goat Anti-Rabbit Antibody at 1:40000 for 30 min at RT. Block: orb348637 for 30 min at RT. Predicted/Observed size: 42 kDa, 42 kDa.