



Order: (888)-282-5810 (Phone)  
(818)-707-0392 (Fax)  
[order@abiocode.com](mailto:order@abiocode.com)  
Web: [www.Abiocode.com](http://www.Abiocode.com)

---

## Goat anti-Rabbit IgG, HRP-conjugated

**Cat#: R5000-1**

**Quantity: 1 mg in 1 ml**

**Lot#: Refer to vial**

**Application: WB, ELISA, IHC**

### **Background:**

Horseshoe peroxidase is a 44 kD glycoprotein with 6 lysine residues which can be conjugated to a labeled molecule. It produces a colored, fluorimetric, or luminescent derivative of the labeled molecule when incubated with a proper substrate, allowing it to be detected and quantified. HRP is often used in conjugates to determine the presence of a molecular target. HRP-conjugated secondary antibodies are widely used in Western blot (WB), ELISA and Immunohistochemistry (IHC) in conjunction with specific substrates to produce chemiluminescent or colorimetric signals.

### **Source and Purity:**

Goat anti-Rabbit IgG polyclonal antibodies were produced by immunizing animals with whole rabbit IgG (H+L). Antibodies were purified by affinity purification using immunogen.

### **Storage Buffer and Condition:**

Supplied in 1 x PBS (pH 7.4), 50% Glycerol, 0.02% Thimerosal, and 5 mg/ml BSA. Store at -20 °C. Stable for 6 months from date of receipt.

### **Species Specificity:**

Rabbit

### **Tested Applications:**

WB: 1:3,000-1:5,000

ELISA: 1:5,000 – 1:20,000

IHC: 1/1000 - 1/5000