Product Data Sheet  
**Goat Anti-Rabbit IgG (H&L) HRP**  
Catalog Number: ORF.GTRBHRP-100

|  |  |
| --- | --- |
| **Product Details** | |
| **Product Name** | Goat Anti-Rabbit IgG (H&L) HRP |
| **Catalog Number** | ORF.GTRBHRP-100 |
| **Size** | 100 μL |
| **Concentration** | 1 mg/mL |
| **Clonality** | Polyclonal |
| **Source** | Goat |
| **Isotype** | IgG |
| **Purification** | The antibody was isolated from ascitic fluid by immunoaffinity chromatography using antigens coupled to agarose beads. |

|  |  |  |
| --- | --- | --- |
| **Product Description** | | **Product Image** |
| Goat Anti-Rabbit IgG (H&L) HRP is an affinity-purified secondary antibody with well-characterized specificity for rabbit immunoglobulins. It binds to both heavy (H) and light (L) chains, allowing broad detection of rabbit IgG subclasses.  Secondary antibodies enhance assay sensitivity by enabling signal amplification, as multiple secondary antibodies can bind to a single primary antibody. Conjugation to horseradish peroxidase (HRP) provides robust detection in enzyme-based systems, including chemiluminescence and colorimetric assays.  This antibody is generated by immunizing goats with purified rabbit immunoglobulins and further purified to ensure high specificity and minimal background. The HRP conjugation delivers consistent, sensitive, and reliable performance in multiple applications including Western blotting. | |  |
| **Product Specifications and Product Specific Information** | | |
| **Applications** | ELISA: 1:5000 – 1:20000  WB: 1:5000 – 1:20000  IHC: 1:500 – 1:1000  ICC: 1:500 – 1:1000 | |
| **Reactivity** | Rabbit | |
| **Specificity** | By immunoelectrophoresis and ELISA this antibody reacts specifically with Rabbit IgG. No antibody was detected against non immunoglobulin serum proteins. | |
| **Immunogen** | Rabbit IgG | |
| **Description** | Goat Anti-Rabbit IgG (H&L) conjugated to HRP | |
| **Buffer** | Liquid in 0.01M Phosphate Buffered Saline, pH 7.2, containing 1% BSA, 50% glycerol, 0.05% Sodium Azide | |

|  |  |  |
| --- | --- | --- |
| **Storage and Stability** | | |
|  | **Temperature** | **Storage Time** |
| **Short Term** | 4°C | 1 month |
| **Long Term** | -20°C | 12 months |
| **Avoid repeated freeze-thaw cycles.** | | |

|  |
| --- |
| **Product Data** |
| Coming Soon! |