# Product Datasheet

## Goat anti-Chicken IgY (H&L), HRP conjugated
### GRP12234



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|---|---|
| **Species/Host** | Goat |
| **Reactivity** | Chicken |
| **Tested Applications** | ELISA, WB, IHC |
| **Immunogen** | Purified chicken IgY, whole molecule. |
| **Form/Appearance** | Lyophilized |
| **Storage** | Store lyophilized material at 2-8°C.For long time storage after reconstitution, dilute the antibody solution with glycerol to a final concentration of 50% glycerol and store as liquid at -20°C, to prevent loss of enzymatic activity. For example, if you have reconstituted 1 mg of antibody in 1.1 ml of sterile water add 1.1 ml of glycerol. Such solution will not freeze in -20°C. If you are using a 1:5000 dilution prior to diluting with glycerol, then you would need to use a 1:2500 dilution after adding glycerol. Prepare working dilution prior to use and then discard. Be sure to mix well but without foaming. |
| **Note** | For research use only. |
| **Clonality** | Polyclonal |
| **Purity** | Affinity purified goat IgG, using solid phase chicken IgY. |
| **Dilution Range** | 1 : 10 000 -1 : 150 000 (ELISA), 1 : 500 -1 : 5000 (IHC), 1 : 20 000 and 1 : 10 000 (WB) |
| **Application Notes** | Additional Information: Antibody binds to:heavy chains on chicken IgYlight chains on all chicken immunoglobulinsNo reactivity is observed to non-immunoglobulin chicken serum proteins based in immunoelectrophoresis.Chicken immunoglobulin is often called hen or chicken IgG, however it is derived from egg yolk, therefore IgY. This HRP-conjugate is supplied in 10 mM Sodium Phosphate, 0.15 M Sodium Chloride, pH 7.2, 1 % (w/v) BSA, Protease/IgG free 0.1 % (v/v) of Kathon CG is used as preservative. Background: Goat anti-chicken IgY (H&L) is a secondary antibody conjugated to HRP (horse radish peroxidase) which binds to chicken IgY in immunological assays. Reconstitution: For reconstitution add 1.1 ml of sterile water. Let it stand 30 minutes at room temperature to dissolve. Prepare fresh working dilutions daily. |