

## Product Datasheet

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

<b>Species/Host</b>	Goat
<b>Reactivity</b>	Chicken
<b>Tested Applications</b>	ELISA, WB, IHC
<b>Immunogen</b>	Purified chicken IgY, whole molecule.
<b>Form/Appearance</b>	Lyophilized
<b>Storage</b>	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.
<b>Note</b>	For research use only.
<b>Clonality</b>	Polyclonal
<b>Purity</b>	Affinity purified goat IgG, using solid phase chicken IgY.
<b>Dilution Range</b>	1 : 10 000 - 1 : 150 000 (ELISA), 1 : 500 - 1 : 5000 (IHC), 1 : 20 000 and 1 : 10 000 (WB)

<b>Application Notes</b>	<p>Additional Information: Antibody binds to: heavy chains on chicken IgY light chains on all chicken immunoglobulins. No 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.</p> <p>Background: Goat anti-chicken IgY (H&amp;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.</p>
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