

## Polyclonal Antibody to Chicken IgG F(c) -HRP-

<b>Alternate names:</b>	Chicken IgY
<b>Catalog No.:</b>	R1301HRP
<b>Quantity:</b>	1.5 mg
<b>Concentration:</b>	1.5 mg/ml (by UV absorbance at 280 nm)
<b>Host:</b>	Rabbit
<b>Immunogen:</b>	Chicken IgG F(c) fragment.
<b>Format:</b>	<b>State:</b> Lyophilized purified Ig fraction. <b>Purification:</b> Immunoaffinity chromatography. <b>Buffer System:</b> 0.01 M Sodium Phosphate, 0.14 M Sodium Chloride, pH 7.4 containing 10 mg/ml Bovine Serum Albumin (BSA, IgG and Protease free) as stabilizer and 0.01% (w/v) Gentamicin Sulfate as preservative. <b>Label:</b> HRP – Horseradish Peroxidase <b>Reconstitution:</b> Restore with 1.0 ml of deionized water (or equivalent).
<b>Applications:</b>	Suitable for Immunoblotting (Western or Dot blot), ELISA, Immunoperoxidase electron microscopy and Immunohistochemistry as well as other peroxidase-antibody based enzymatic assays requiring lot-to-lot consistency. <b>Recommended Dilutions:</b> This product has been assayed against 1.0 µg of Chicken IgG in a standard capture ELISA using ABTS (2,2'-azino-bis-[3-ethylbenthiiazoline-6-sulfonic acid]) as a substrate for 30 minutes at room temperature. A working dilution of 1:6,000 to 1:37,000 of the reconstitution concentration is suggested for this product. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Specificity:</b>	This product was prepared from monospecific antiserum by immunoaffinity chromatography using Chicken IgG coupled to agarose beads. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Peroxidase, anti-Rabbit Serum, Chicken IgG, Chicken IgG F(c) and Chicken Serum. No reaction was observed against Chicken IgG F(ab') <sub>2</sub> .
<b>Storage:</b>	Store vial at 2-8°C prior to restoration. For extended storage add glycerol to 50% and then aliquot contents and freeze at -20°C or below. Centrifuge product if not completely clear after standing at room temperature. This antibody is stable for one month at 2-8°C as an undiluted liquid. Dilute only prior to immediate use. Avoid repeated freezing and thawing. Shelf life: One year from despatch.
<b>Caution:</b>	Do <u>Not</u> Use Sodium Azide as Preservative.
<b>General References:</b>	Farr & Nakane, J. Immunol. Methods 47; 129-144, 1981. (Conjugation)

**For research and in vitro use only. Not for diagnostic or therapeutic work.**

Material Safety Datasheets are available at [www.acris-antibodies.com](http://www.acris-antibodies.com) or on request.

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