

**R1300AP****Polyclonal Antibody to Chicken IgG [H&L] -AP-****Alternate names:**

Chicken Immunoglobulin G, Chicken Immunoglobulin Y

**Quantity:**

1 mg

**Concentration:**

1.0 mg/ml (by UV absorbance at 280 nm)

**Host:**

Rabbit

**Immunogen:**

Chicken IgG whole molecule.

**Format:****State:** Liquid (sterile filtered) purified Ig fraction.**Purification:** Immunoaffinity chromatography.**Buffer System:** 0.05M Tris Chloride, 0.15M Sodium Chloride, 0.001M Magnesium Chloride, 0.0001M Zinc Chloride, 50% (v/v) Glycerol; pH 8.0 with 10 mg/ml Bovine Serum Albumin (BSA, IgG and Protease free) as stabilizer and 0.01% (w/v) Sodium Azide as preservative.**Label:** AP – Alkaline Phosphatase (Calf Intestine) (Molecular Weight 140,000 daltons)**Applications:**

Suitable for Immunoblotting (Western or Dot blot), ELISA and Immunohistochemistry as well as other phosphatase-antibody based enzymatic assays requiring lot-to-lot consistency.

**Recommended Dilutions:** This product has been assayed against 1.0 µg of Chicken IgG in a standard capture ELISA using pNPP p-nitrophenyl phosphate as a substrate for 30 minutes at room temperature. A working dilution of 1:3,000 to 1:12,000 is suggested for this product, in Western Blot 1:1,000, Immunohistochemistry 1:500. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.**Specificity:**

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-Alkaline Phosphatase (calf intestine), anti-Rabbit Serum, Chicken IgG and Chicken Serum.

**Storage:**

Store the antibody undiluted at 2-8°C.

**DO NOT FREEZE!**

Freezing alkaline phosphatase conjugates will result in a substantial loss of enzymatic activity.

Dilute only prior to immediate use.

Shelf life: one year from despatch.

**General Readings:**

Modified from Avrameas and Ternyrook, Immunochemistry 32; 1175 1971. (Conjugation)