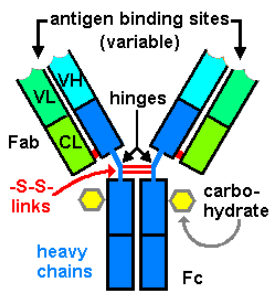


Cat # 60325

**Rabbit Anti-Chicken IgG (H+L) (Affinity Purified) Unlabeled**

**Size: 1 mg**



Immunoglobulin G (IgG)

Immunoglobulin G (IgG) is a type of antibody. It is a protein complex composed of four peptide chains—two identical heavy chains and two identical light chains arranged in a Y-shape typical of antibody monomers. IgG has molecular weight of approximately 150 kDa, heavy or H chain approximately 50 kDa and light or L chain 25 kDa. Each IgG has two antigen binding

sites. Representing approximately 75% of serum antibodies in humans, IgG is the most common type of antibody found in the circulation.

**Rabbits** were immunized with purified antigen grade **Chicken IgG** (whole molecule). Antibodies have been isolated using ammonium sulfate, ion exchange, and affinity chromatography. Purified anti-chicken IgG preparation yielded single precipitin arc against rabbit serum, chicken IgG and chicken serum in IEP (immunoelectrophoresis). The antibody is unlabeled.

#### Form and Storage

Antibody is supplied as purified IgG in PBS, pH 7.4 containing 0.05% sodium azide as preservative at 1 mg/vial (in 1 mg/ml solution or as lyophilized powder). The product should be stored at 4°C for short-term storage or frozen at -20°C or below in suitable aliquots. Stability is at least 1 year under frozen conditions. Do not store diluted solutions and avoid repeated freeze and thaw. **Lyophilized** product should be reconstituted in 1 ml of water to prepare 1 mg/ml stock and then diluted accordingly. Antibody solution can be centrifuged briefly (10,000 g, 15 min., 4°C) to remove any particulate matter. It should be aliquoted and stored frozen for long-term use.

#### Purity/Specificity

Purified anti-chicken IgG preparation yielded single precipitin arc against rabbit serum, chicken IgG and chicken serum in IEP (immunoelectrophoresis). Specificity has been tested using IEP, immunodiffusion, and ELISA. The product reacts with **Chicken IgG** (H+L chain). The antibody may recognize other species IgG's that have common IgG light chains. However, no antibody is detected to other serum proteins. This antibody will react with chicken IgG from serum or egg yolk.

#### Recommended Working Dilution for ELISA

Working dilution for the specific application should be determined by the investigator to obtain the best conditions. However, dilution of 1:1000-1:10,000 may be used as starting point for most applications.

Working solution should be prepared immediately before use and diluted solution should be discarded.

#### Related Material available for ADI

Catalog#	ProdDescription
60325	Anti-Chicken IgG (H+L) aff pure, unlabeled
60326-AM	Anti-Chicken IgG (H+L)-Agarose
60331	Anti-Chicken IgG (H+L)-Rhodamine (TRITC) conjugate (adsorbed with other species)
60334	Anti-Chicken IgG (H+L)-Cy3 conjugate (adsorbed with other species)
60335	Anti-Chicken IgG (H+L)-Cy5 conjugate (adsorbed with other species)
60340	Anti-Chicken IgG (H+L)-biotin conjugate
60350	Anti-Chicken IgG (H+L)-Alk. Phosphatase conjugate
60360	Anti-Chicken IgG (H+L)-FITC conjugate
6040	Chicken IgM ELISA Kit, 96 tests, Quantitative
60419	Anti-Chicken IgG (Fc), aff pure, unlabeled
60420	Anti-Chicken IgG (Fc)-HRP conjugate
60430	Anti-Chicken IgG (Fc)-FITC conjugate
60440	Anti-Chicken IgG (Fc)-Biotin conjugate

60325-Rb-Anti-Chicken-IgG 151118SV