

**Chicken IgG F(ab')<sub>2</sub> Rabbit Polyclonal  
ATS-SELECT SECONDARY ANTIBODY**

**Catalog Number:** AS-082  
**Quantity:** 50 milligrams  
**Format:** IgG, Lyophilized  
**Host:** Rabbit  
**Immunogen:** Chicken IgG F(ab')<sub>2</sub> fragment

**Background:** Anti-Chicken IgG F(ab')<sub>2</sub> Antibody generated in rabbit is a proteolytic fragment of immunoglobulin G (IgG) obtained by limited digestion with the enzyme pepsin under controlled conditions of temperature, time and pH. F(ab')<sub>2</sub> molecules lack the Fc portion of IgG and therefore receptors that bind Chicken IgG F(c) will not bind Chicken IgG F(ab')<sub>2</sub> molecules.

**Specificity & Preparation:** This product is an IgG fraction antibody purified from monospecific antiserum by a multi-step process which includes delipidation, salt fractionation and ion exchange chromatography followed by extensive dialysis against the buffer stated above. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Rabbit Serum, Chicken IgG, Chicken IgG F(ab')<sub>2</sub> and Chicken Serum. No reaction was observed against Chicken IgG F(c).

**Usage:** Anti-Chicken IgG antibody is suitable for ELISA, western blot, and immunohistochemistry, as well as other assays requiring lot-to-lot consistency.

ELISA 1:20,000 - 1:100,000

Immunohistochemistry 1:1,000 - 1:5,000

Western Blot 1:2,000 - 1:10,000

Working dilutions must be determined by end user.

**Storage:** Restore with deionized water (or equivalent), 5.0 mL. Store vial at 4° C prior to restoration. For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use. Expiration date is one (1) year from date of receipt.

*To view protocol(s) for this and other products please visit: [www.ATSBio.com/library/protocols](http://www.ATSBio.com/library/protocols)*