

**Donkey IgG (H&L) Goat Polyclonal**  
ATS-SELECT SECONDARY ANTIBODY

**Catalog Number:** AS-308  
**Quantity:** 2 milligrams  
**Format:** IgG, Liquid (sterile filtered)  
**Host:** Goat  
**Immunogen:** Donkey IgG whole molecule

**Background:** Anti-Donkey IgG Antibody generated in goat detects donkey IgG. Secreted as part of the adaptive immune response by plasma B cells, immunoglobulin G constitutes 75% of serum immunoglobulins. Immunoglobulin G binds to viruses, bacteria, as well as fungi and facilitates their destruction or neutralization via agglutination (and thereby immobilizing them), activation of the complement cascade, and opsonization for phagocytosis. The whole IgG molecule possesses both the F(c) region, recognized by high-affinity Fc receptor proteins, as well as the F(ab) region possessing the epitope-recognition site. Both heavy and light chains of the antibody molecule are present.

**Specificity & Preparation:** This product was prepared from monospecific antiserum by immunoaffinity chromatography using Donkey IgG coupled to agarose beads. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Goat Serum, Donkey IgG and Donkey Serum.

**Usage:** Anti-Donkey IgG antibody has been tested by ELISA and 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:** Store vial at 4° C prior to opening. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use. For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing. 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)*