

## Anti-GOAT IgG (H&L) (DONKEY) Antibody (Min X Ch GP Ham Hs Ms Rb & Rt Serum Proteins) - 605-701-125

**Code:** 605-701-125

**Size:** 1 mg

**Product Description:** Anti-GOAT IgG (H&L) (DONKEY) Antibody (Min X Ch GP Ham Hs Ms Rb & Rt Serum Proteins) - 605-701-125

**Concentration:** 1.0 mg/mL by UV absorbance at 280 nm

**PhysicalState:** Liquid (sterile filtered)

<b>Label</b>	Unconjugated
<b>Host</b>	Donkey
<b>Buffer</b>	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
<b>Stabilizer</b>	None
<b>Preservative</b>	0.01% (w/v) Sodium Azide
<b>Storage Condition</b>	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.
<b>Synonyms</b>	donkey anti-goat IgG antibody pre-adsorbed
<b>Application Note</b>	Anti-Goat IgG antibody is suitable for ELISA, western blot, and immunohistochemistry, as well as other assays requiring lot-to-lot consistency.
<b>Background</b>	Anti-Goat IgG Antibody generated in donkey detects goat 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 opsinization 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.
<b>Purity And Specificity</b>	This product was prepared from monospecific antiserum by immunoaffinity chromatography using Goat IgG coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Donkey Serum, Goat IgG and Goat Serum. No reaction was observed against Chicken, Guinea Pig, Hamster, Horse, Mouse, Rabbit or Rat Serum Proteins. Specificity was confirmed using ELISA minimal cross reactivity against the targets stated above.
<b>Assay Dilutions</b>	User Optimized
<b>ELISA</b>	1:20,000 - 1:100,000
<b>Western Blot</b>	1:2,000 - 1:10,000
<b>Immunohistochemistry</b>	1:1,000 - 1:5,000
<b>Other Assays</b>	User Optimized
<b>Expiration</b>	Expiration date is one (1) year from date of opening.
<b>Immunogen</b>	Goat IgG whole molecule
<b>Specific Reference</b>	Jain A, Liu R, Xiang YK, Ha T. (2012) Single-molecule pull-down for studying protein interactions. Nat Protoc. 2012 Feb 9;7(3):445-52. doi: 10.1038/nprot.2011.452.

### Related Products

610-4302	Anti-MOUSE IgG (H&L) (RABBIT) Antibody Peroxidase Conjugated - 610-4302
611-1302	Anti-RABBIT IgG (H&L) (GOAT) Antibody Peroxidase Conjugated - 611-1302
B304	NORMAL GOAT SERUM (NGS) - B304
BSA-50	BOVINE SERUM ALBUMIN - Fraction V (Immunoglobulin and Protease Free) - BSA-50

**Disclaimer**

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