

bs-0295G-AP**[Secondary Antibodies]****Goat Anti-Rabbit IgG H&L, AP conjugated****BioSS**
ANTIBODIES

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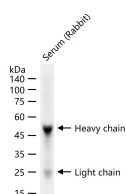
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— DATASHEET —

Host: Goat	Isotype: IgG	Applications: WB (1:2000-20000) IHC-P (1:200-1000) IHC-F (1:200-1000) ELISA (1:2000-20000)
Clonality: Polyclonal		Reactivity: Rabbit
Target: Goat Anti-Rabbit IgG H&L		
Purification: affinity purified by Protein G, nonspecific adsorbed		
Concentration: 1.0 mg/ml		
Storage: 10 mM TBS (pH=7.4) with 1% BSA, 0.03% Proclin300 and 50% glycerol. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
Background: Immunoglobulin G (IgG), is one of the most abundant proteins in serum with normal levels between 8-17 mg/mL in adult blood. IgG is important for our defence against microorganisms and the molecules are produced by B lymphocytes as a part of our adaptive immune response. The IgG molecule has two separate functions; to bind to the pathogen that elicited the response and to recruit other cells and molecules to destroy the antigen. The variability of the IgG pool is generated by somatic recombination and the number of specificities in an individual at a given time point is estimated to be 10 ¹¹ variants.		

— VALIDATION IMAGES —

25 ug total protein per lane of various lysates
(see on figure) probed with Rabbit IgG H&L
polyclonal antibody, unconjugated (bs-0295G) at
1:1000 dilution and 4°C overnight incubation.
Followed by conjugated secondary antibody
incubation at r.t. for 60 min.

— SELECTED CITATIONS —

- **[IF=6.785]** Yongchao Fan. et al. In Situ Fluorogenic Reaction Generated via Ascorbic Acid for the Construction of Universal Sensing Platform. Anal Chem. 2021;93(17):6873–6880 **ELISA** ;. 33899464
- **[IF=5.895]** Xinling Wang. et al. Enhancement of BCAT2-Mediated Valine Catabolism Stimulates β -Casein Synthesis via the AMPK-mTOR Signaling Axis in Bovine Mammary Epithelial Cells. J AGR FOOD CHEM. 2022;XXXX(XXX):XXX-XXX **IHC** ;Bovine. 35916279
- **[IF=4.6]** Yan Liang. et al. Vimentin, inversely correlating with infiltration of CD8 + T lymphocytes, promotes nuclear translocation of PD-L1 in esophageal squamous cell carcinoma. BBA-MOL CELL RES. 2024 Jun;;119781 **WB** ;Mouse. 38901494
- **[IF=4.821]** Wan Qiu Xia. et al. Synthesis of photoaffinity labeled activity-based protein profiling probe and production of natural TetR protein for immunoassay of tetracyclines in milk. Microchem J. 2021 Nov;170:106779 **WB** ;Escherichia coli. 10.1016/j.microc.2021.106779
- **[IF=5.34]** Yuan-yuan Wei. et al. Shaoyao Decoction Attenuates DSS-Induced ulcerative colitis, Macrophage and NLRP3

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

inflammasome activation through the MKP1/NF- κ B Pathway. Phytomedicine. 2021 Sep;;153743 WB ;mouse. 34583225