

bs-0310G**[Secondary Antibodies]**

www.bioss.com.cn

sales@bioss.com.cn

techsupport@bioss.com.cn

400-901-9800

Goat Anti-Chicken IgG H&L**DATASHEET****Host:** Goat**Isotype:** IgG**Applications:** **WB** (1:1000-5000)**IHC-P** (1:100-500)**IHC-F** (1:200-1000)**IF****ELISA** (1:2000-10000)**Clonality:** Polyclonal**Target:** Goat Anti-Chicken IgG H&L**Purification:** affinity purified by Protein G**Storage:** 0.01M PBS (pH7.4).

Store at -20°C stable for 2 years (lyophilized powder). Avoid repeated freeze/thaw cycles.

Reactivity: Chicken

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 1011 variants.

SELECTED CITATIONS

- **[IF=8.2]** Zihao Zhang. et al. Chicken muscle antibody array reveals the regulations of LDHA on myoblast differentiation through energy metabolism. INT J BIOL MACROMOL. 2024 Jan;254:127629 CoIP ;Chicken. 37890747
- **[IF=6.208]** Zihao Zhang. et al. Sox6 Differentially Regulates Inherited Myogenic Abilities and Muscle Fiber Types of Satellite Cells Derived from Fast- and Slow-Type Muscles. INT J MOL SCI. 2022 Jan;23(19):11327 CoIP ;Chicken. 36232654
- **[IF=4.4]** Wang Fenglong. et al. Pilose antler extracts promotes hair growth in androgenetic alopecia mice by activating hair follicle stem cells via the AKT and Wnt pathways. FRONT PHARMACOL. 2024 Jul;15: IF ;Mouse. 39045053