

## DATASHEET

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### Goat Anti-Chicken IgG H&L / Biotin

Catalog Number: bs-0310G-Bio

Target Protein: Goat Anti-Chicken IgG H&L / Biotin

Concentration: 2.0 mg/ml

Host: Goat

Clonality: Polyclonal

Applications: WB(1:1000-10000), IHC-P(1:100-500), IHC-F(1:100-1000), IF(1:100-1000),  
ELISA(1:1000-10000),

Cross Reactive Chicken

Species:

Isotype: IgG

Purification: affinity purified by Protein G

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 1011 variants.

## PRODUCT SPECIFIC PUBLICATIONS

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**[IF=6.21]** 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

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