
Goat Anti-Guinea Pig IgG H&L, Biotin conjugated

Catalog Number: bs-0358G-Bio

Target Protein: Goat Anti-Guinea Pig IgG H&L

Concentration: 2.0 mg/ml

Form: Liquid

Host: Goat

Clonality: Polyclonal

Isotype: IgG

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

Reactivity: Guinea Pig

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

[IF=3.81] Wang, Shujin, et al. "Comparison of the biological activities of *Saccharomyces cerevisiae*-expressed intracellular EGF, extracellular EGF, and tagged EGF in early-weaned pigs." *Applied Microbiology and Biotechnology* (2015): 1-11. IHC ; Guinea pig . 25712680

[IF=4.362] JunXia Gao, et al. GLT-1 Knockdown Inhibits Ceftriaxone-Mediated Improvements on Cognitive Deficits, and GLT-1 and xCT Expression and Activity in APP/PS1 AD Mice. *Front Aging Neurosci.* 2020; 12: 580772 IHC ; Mouse . 33132901

[IF=2.388] Sun Y et al. Changes in TRPV1 expression in the POA of ovariectomized rats regulated by NE-dependent α 2-ADR may be involved in hot flashes. *Ann Anat.* 2020 Nov;232:151565. IHC ; guinea pig . 32603826