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

Catalog Number: bs-0358G-HRP

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), 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=5.923] Akito Otubo. et al. Immunoelectron Microscopic Characterization of Vasopressin-Producing Neurons in the Hypothalamo-Pituitary Axis of Non-Human Primates by Use of Formaldehyde-Fixed Tissues Stored at -25 °C for Several Years. Int J Mol Sci. 2021 Jan;22(17):9180 WB ; Monkey . 34502087

[IF=3.8] Xiaohui Li. et al. Upregulation of Calhm2 in the anterior cingulate cortex contributes to the maintenance of bilateral mechanical allodynia and comorbid anxiety symptoms in inflammatory pain conditions. BRAIN RES BULL. 2023 Nov;204:110808 WB ; Mouse . 37926398

[IF=4.235] Meihua Wu. et al. Molecular Characteristics, Antigenicity, Pathogenicity, and Zoonotic Potential of a H3N2 Canine Influenza Virus Currently Circulating in South China. Front Microbiol. 2021; 12: 628979 Other ; . 33767679

[IF=3.59] Min Zhao. et al. Epothilone D modulates autism-like behaviors in the BTBR mouse model of autism spectrum disorder. Neuroscience. 2022 Feb;; WB ; Mouse . 10.1016/j.neuroscience.2022.02.025

[IF=2.693] Tong Li. et al. In vitro and in vivo safety studies indicate that R15, a synthetic polyarginine peptide, could safely reverse the

effects of unfractionated heparin. Febs Open Bio. 2021 Sep; 11(9): 2468–2489 Other ; Rat . 34184429