
Rabbit Anti-Rat IgG H&L, HRP conjugated

Catalog Number: bs-0293R-HRP

Target Protein: Rabbit Anti-Rat IgG H&L

Concentration: 2.0 mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

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

Reactivity: Rat

Purification: affinity purified by Protein A

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=4.129] Xiao, Yan. et al. Rise in Postprandial GLP-1 Levels After Roux-en-Y Gastric Bypass: Involvement of the Vagus Nerve–Spleen Anti-inflammatory Axis in Type 2 Diabetic Rats. *Obes Surg.* 2022 Jan;;1-9 WB ; Rat . 35044600

[IF=1.719] Li Z et al. Expression and localization analyses of the cholinergic anti-inflammatory pathway and $\alpha 7$ nAChR in different tissues of rats with rheumatoid arthritis. *Acta Histochem.* 2019 Aug;121(6):742-749. WB,IHC ; Rat . 31279484

[IF=1.785] Xinheng Zhanget al. gga-microRNA-375 negatively regulates the cell cycle and proliferation by targeting Yes-associated protein 1 in DF-1 cells. *Exp Ther Med* . 2020 Jul;20(1):530-542. WB ; chicken . 32537011

[IF=1.785] Yun-Peng Li. et al. Piperine protects against myocardial ischemia/reperfusion injury by activating the PI3K/AKT signaling pathway. *Exp Ther Med.* 2021 Apr;21(4):1-8 WB ; Rat . 33732347

[IF=1.41] Li ZR et al. Nobiletin protects PC12 cells from ERS-induced apoptosis in OGD/R injury via activation of the PI3K/AKT pathway. *Exp Ther Med.* 2018 Aug;16(2):1470-1476. WB ; Rat . 30116396