

**bs-40296G-HRP****[ Secondary Antibodies ]**

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**AffiniPure Goat Anti-Mouse IgG H&L(min X Hu, Bov, Hrs, Rb, Sw Sr Prot), HRP conjugated****— DATASHEET —**

<b>Host:</b> Goat <b>Clonality:</b> Polyclonal <b>Target:</b> AffiniPure Goat Anti-Mouse IgG H&L(min X Hu, Bov, Hrs, Rb, Sw Sr Prot) <b>Purification:</b> affinity purified by Protein G <b>Concentration:</b> 1.0 mg/ml <b>Storage:</b> 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. <b>Background:</b> 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.	<b>Isotype:</b> IgG1 <b>Applications:</b> <b>WB</b> (1:5000-50000) <b>IHC-P</b> (1:100-500) <b>IHC-F</b> (1:3000-5000) <b>ELISA</b> (1:5000-50000) <b>Reactivity:</b> Mouse
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**— SELECTED CITATIONS —**

- **[IF=9.587]** Xu Longfei. et al. Treadmill exercise promotes E3 ubiquitin ligase to remove amyloid  $\beta$  and P-tau and improve cognitive ability in APP/PS1 transgenic mice. J NEUROINFLAMM. 2022 Dec;19(1):1-14 WB ;Mouse. 36195875
- **[IF=10]** Jingchen Xu. et al. Multifunctional Regeneration Silicon-Loaded Chitosan Hydrogels for MRSA-Infected Diabetic Wound Healing. ADV HEALTHC MATER. 2023 Nov;;2303501 IHC ;Mouse. 37956229
- **[IF=7.5]** Zhigang Chen. et al. Adiponectin receptor 1-mediated basolateral amygdala-prelimbic cortex circuit regulates methamphetamine-associated memory. CELL REP. 2024 Dec;43: WB ;MOUSE. 39661515
- **[IF=7.364]** Wang Yujuan. et al. CCP5 and CCP6 retain CP110 and negatively regulate ciliogenesis. BMC BIOL. 2023 Dec;21(1):1-20 WB ;Human. 37226238
- **[IF=5.64]** Chengcheng Zhang. et al. Autophagy Induced by the N-Terminus of the Classic Swine Fever Virus Nonstructural Protein 5A Protein Promotes Viral Replication. Front Microbiol. 2021; 12: 733385 WB ;Pig. 34512612