

Goat Anti-Chicken IgG H&L / HRP antibody

SL0310G-HRP

Product Name Goat Anti-Chicken IgG H&L / HRP

Chinese Name 辣根过氧化物酶标记的羊抗鸡 IgG H&L

Alias Goat Anti-Chicken IgG H&L (HRP); Immunoglobulin G;

Specific References (17) | SL0310G-HRP has been referenced in 17 publications.

[IF=7.171] Yawen Bu. et al. YLMY Tyrosine Residue within the Cytoplasmic Tail of Newcastle Disease Virus Fusion Protein Regulates Its Surface Expression to Modulate Viral Budding and Pathogenicity | Microbiology Spectrum. Microbiol Spectr. 2021 Dec;; **WB ; Hamster.**

PubMed:34937182

[IF=6.549] Helong Feng. et al. Identification of Embryonic Chicken Proteases Activating Newcastle Disease Virus and Their Roles in the Pathogenicity of Virus Used as In Ovo Vaccine. J VIROL. 2023 Apr 12 **IHC ; Chicken.**

PubMed:37042750

[IF=6.549] Renrong You. et al. Identification and Comparison of the Sialic Acid-Binding Domain Characteristics of Avian Coronavirus Infectious Bronchitis Virus Spike Protein. J VIROL. 2023 Apr 25 **ELISA ; Chicken.**

PubMed:37097156

[IF=5.293] Li Ning. et al. Nephropathogenic Infectious Bronchitis Virus Mediates Kidney Injury in Chickens via the TLR7/NF-κB Signaling Axis. Front Cell Infect Mi. 2022 Mar;0:247 **WB ; Hens.**

PubMed:35402297

[IF=5.195] Zhangbi Wu. et al. Ginsenoside-Rg1 mitigates cardiac arrest-induced cognitive damage by modulating neuroinflammation and hippocampal plasticity.



EUR J PHARMACOL. 2023 Jan;938:175431 **WB ; Rat.**

PubMed:36463944

[IF=4.845] Xiaolin Xu. et al. Two ferritins from *Dermanyssus gallinae*: Characterization and in vivo assessment as protective antigens. 2021 Sep 30 **ELISA ; chicken.**

PubMed:34595835

[IF=4.26] Jin et al. Contribution of HN protein length diversity to Newcastle disease virus virulence, replication and biological activities. (2016) *Sci.Re.* 6:36890 **WB ; Chicken.**

PubMed:27833149

[IF=3.471] Tongsheng Qi. et al. Seroepidemiology of Neosporosis in Various Animals in the Qinghai-Tibetan Plateau. *FRONT VET SCI.* 2022 Jul 19;9:953380 **ELISA ; Neospora caninum.**

PubMed:35928116

[IF=3.342] Lili Wang. et al. Isolation, identification and genetic characterization analysis of a fowl aviadenovirus serotype 4 strain from Tianjin, China. *Infect Genet Evol.* 2021 Sep;:105078 **IF ; chicken.**

PubMed:34508884

[IF=3.246] Xun Guo. et al. Multiantigen epitope fusion recombinant proteins from capsids of serotype 4 fowl adenovirus induce chicken immunity against avian Ankara disease. *VET MICROBIOL.* 2023 Jan;:109661 **ELISA,WB ; Chicken.**

PubMed:36758262

[IF=3.231] Jinchao Zhang. et al. Serological Analysis of IgG and IgM Antibodies against *Anaplasma* spp. in Various Animal Species of the Qinghai-Tibetan Plateau. *ANIMALS.* 2022 Jan;12(19):2723 **ELISA ; Chicken.**

PubMed:36230463

[IF=3.143] Xiaolin Xu. et al. Evaluation of the vaccine efficacy of three digestive protease antigens from *Dermanyssus gallinae* using an in vivo rearing system. *Vaccine.* 2020 Nov;38:7842 **ELISA ; Chicken.**

PubMed:33164806

[IF=2.821] Jiali Meng. et al. Function of glycogen synthase kinase3 in embryogenesis of *Dermanyssus gallinae*. VET PARASITOL. 2023 Jun;318:109937 **ELISA ; Chicken.**

PubMed:37116347

[IF=2.545] Ruan S et al. A subunit vaccine based on fiber-2 protein provides full protection against fowl adenovirus serotype 4 and induces quicker and stronger immune responses than an inactivated oil-emulsion vaccine. *Infect Genet Evol.* 2018 Jul;61:145-150. **ELISA ; Chicken.**

PubMed:29614324

[IF=2.009] Zhao P et al. In vivo immunoprotective comparison between recombinant protein and DNA vaccine of *Eimeria tenella* surface antigen 4. *Vet Parasitol.* 2020 Feb;278:109032. **WB ; Chicken.**

PubMed:31981858

[IF=1.78] Gao, Xiaolong, et al. "Construction of a camelid VHH yeast two-hybrid library and the selection of VHH against haemagglutinin-neuraminidase protein of the Newcastle disease virus." *BMC Veterinary Research* 12.1 (2016): 1. **ELISA ; Chicken.**

PubMed:26920806

[IF=1.109] He,et al.Recombinant Fiber-2 Protein-Based Indirect ELISA for Antibody Detection of Fowl Adenovirus Serotype 4.(2018) *Avian Diseases.* 62:73-78. **ELISA ; Chicken.**

PubMed:29620471

Immunogen Species	Goat
Clonality	Polyclonal
React Species	Chicken,
Applications	WB=1:1000-10000,IHC-P=1:100-500,IHC-F=1:100-1000,ELISA=1:1000-10000 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Form	Liquid



Concentration	2.0 mg/ml
immunogen	Native Chicken IgG
Lsotype	IgG
Purification	affinity purified by Protein G
Buffer Solution	10 mM TBS (pH=7.4) with 1% BSA, 3% Proclin300 and 50% glycerol.
Storage	Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Attention	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Product Detail	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.