

## Rabbit Anti-Pig IgG H&L / HRP antibody

SL0309R-HRP

**Product Name** Rabbit Anti-Pig IgG H&L / HRP

**Chinese Name** 辣根过氧化物酶标记的兔抗猪 IgG H&L

**Alias** Rabbit Anti-Pig IgG H&L (HRP); Immunoglobulin G;

**Specific References (13)** | SL0309R-HRP has been referenced in 13 publications.

**[IF=7.78]** Wei, Bo, et al. "Magnetic beads-based enzymatic spectrofluorometric assay for rapid and sensitive detection of antibody against ApxIVA of *Actinobacillus pleuropneumoniae*." *Biosensors and Bioelectronics* 35.1 (2012): 390-393. **Pig.**

PubMed:22538829

**[IF=3.471]** Lijun Zhang. et al. A Combinatorial Vaccine Containing Inactivated Bacterin and Subunits Provides Protection Against *Actinobacillus pleuropneumoniae* Infection in Mice and Pigs. *FRONT VET SCI.* 2022; 9: 902497 **ELISA ; Mouse, Pig.**



PubMed:35747235

**[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=3.43]** Li, XuePu, et al. "Sensitive immunoassay for porcine pseudorabies antibody based on fluorescence signal amplification induced by cation exchange in CdSe nanocrystals." *Microchimica Acta* 180.3-4 (2013): 303-310. **ELISA ; Pig.**

PubMed:10.1007/s00604-012-0934-y

**[IF=3.412]** Peng C et al. Soybean Glycinin- and  $\beta$ -Conglycinin-Induced Intestinal

Damage in Piglets via the p38/JNK/NF- $\kappa$ B Signaling Pathway. J Agric Food Chem. 2018 Sep 12;66(36):9534-9541. **WB ; Pig.**

PubMed:30139257

**[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 ; Pig.**

PubMed:36230463

**[IF=2.157]** Yan Liu. et al. Evaluation of a cystatin-like protein of Trichinella spiralis for serodiagnosis and identification of immunodominant epitopes using monoclonal antibodies. Vet Parasitol. 2020 May;:109127 **ELISA ; Rat.**

PubMed:32439275

**[IF=1.94]** LI, HELIN, et al. "Co-expression of the C-terminal domain of Yersinia enterocolitica invasin enhances the efficacy of classical swine-fever-vectored vaccine based on human adenovirus." Journal of Biosciences 40.1 (2015): 1-13. **Pig.**

PubMed:25740144

**[IF=1.9]** Li, Wenliang, et al. "Development and partial validation of a recombinant E2-based indirect ELISA for detection of specific IgM antibody responses against classical swine fever virus." Journal of Virological Methods (2013). **WB ; Pig.**

PubMed:23500647

**[IF=1.835]** Yu Tao. et al. Immune responses induced by a combined vaccination with a recombinant chimera of Mycoplasma hyopneumoniae antigens and capsid virus-like particles of porcine circovirus type 2. BMC Vet Res. 2020 Dec;16(1):1-13 **ELISA ; Pig.**

PubMed:32938456

**[IF=1.59]** Chen, Xiaohong, et al. "Secreted expression of truncated capsid protein from porcine circovirus type 2 in Pichia pastoris." Biotechnology Letters: 1-9. **WB ; Pig.**

PubMed:26994771

**[IF=1.542]** Chen P et al.Preparation of virus-like particles for porcine circovirus type 2 by YeastFab Assembly. *Virus Genes*. 2018 Apr;54(2):246-255. **WB ; Pig.**

PubMed:29417333

**[IF=1.45]** Li, Helin, Rui Gao, and Yanming Zhang. "A Promising Trigene Recombinant Human Adenovirus Vaccine Against Classical Swine Fever Virus." *Viral Immunology* (2016). **other ; Pig.**

PubMed:26918463

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