

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

SL0294R-HRP

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

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

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

**Specific References (20)** | SL0294R-HRP has been referenced in 20 publications.

**[IF=7.579]** Sinan Cheng. et al. A novel navigated doxorubicin delivery formulation to breast cancer therapy. MATER TODAY ADV. 2022 Jun;14:100235 **ELISA ; Human.**

PubMed:10.1016/j.mtadv.2022.100235

**[IF=4.784]** Wei Qin. et al. CAF-derived exosomes transmitted Gremlin-1 promotes cancer progression and decreases the sensitivity of hepatoma cells to sorafenib. MOL CARCINOGEN. 2022 May 31 **WB ; Human.**

PubMed:35638711

**[IF=4.26]** Lu et al. The osteogenesis-promoting effects of alpha-lipoic acid against glucocorticoid-induced osteoporosis through the NOX4, NF-kappaB, JNK and PI3K/AKT pathways. (2017) Sci.Re. 7:3331 **Goat.**

PubMed:28611356

**[IF=4.26]** Zhang et al. A novel chalcone derivative S17 induces apoptosis through ROS dependent DR5 up-regulation in gastric cancer cells. (2017) Sci.Re. 7:9873 **WB ; Goat.**

PubMed:28852176

**[IF=4.171]** Zi-Ying Zhan. et al. Taxifolin ameliorate high-fat-diet feeding plus acute ethanol binge-induced steatohepatitis through inhibiting inflammatory caspase-1-dependent pyroptosis. Food Funct. 2021 Jan;12(1):362-372

PubMed:33325949

**[IF=3.847]** Zhang et al. A new brominated chalcone derivative suppresses the growth of gastric cancer cells in vitro and in vivo involving ROS mediated up-regulation of DR5 and 4



expression and apoptosis. (2016) *Toxicol.Appl.Pharmaco.* 309:77-86 **WB ; Goat.**

PubMed:27594528

**[IF=3.404]** Xiao L et al. Development of a novel drug targeting delivery system for cervical cancer therapy.(2019) *Nanotechnology.* 30(7):075604. **ICC ; Goat.**

PubMed:30523991

**[IF=3.309]** Cui YF et al. Platelet endothelial aggregation receptor-1 (PEAR1) is involved in C2C12 myoblast differentiation. *Exp Cell Res.* 2018 May 15;366(2):199-204. **WB&IHC-P ; Goat.**

PubMed:29577896

**[IF=3.263]** Linfeng Sun. et al. L-type calcium channel blockers decrease the iron overload-mediated oxidative stress in renal epithelial cells by reducing iron accumulation. *Eur J Pharmacol.* 2020 Nov;886:173513 **WB ; Human.**

PubMed:32898550

**[IF=2.766]** Wan et al. Dietary protein-induced hepatic IGF-1 secretion mediated by PPAR $\gamma$  activation. (2017) *PLoS.One.* 12:e0173174 **WB ; Goat.**

PubMed:28257428

**[IF=2.716]** Gao, Qian. et al. Selection and identification of a specific peptide binding to ovarian cancer cells from a phage-displayed peptide library. *BIOTECHNOL LETT.* 2022 Jun;:1-10 **ELISA ; Human.**

PubMed:35771408

**[IF=2.51]** Wang, Jiawei, et al. "Intravitreal triamcinolone acetonide, retinal microglia and retinal ganglion cell apoptosis in the optic nerve crush model." *Acta Ophthalmologica* (2015). **WB ; Goat.**

PubMed:25708663

**[IF=2.3]** Mo, Xian-Gang, et al. "Suppression of NHE1 by small interfering RNA inhibits HIF-1 $\alpha$ -induced angiogenesis in vitro via modulation of calpain activity." *Microvascular research* 81.2 (2011): 160-168. **WB ; Goat.**

PubMed:21185840

**[IF=2.13]** Wei, Ting, et al. "The role of N-acetylglucosaminyltransferases V in the malignancy of human hepatocellular carcinoma." *Experimental and molecular pathology*

(2012). **WB ; Goat.**

PubMed:22537550

**[IF=2.07]** Guo, Yonge, et al. "Screening and identification of a specific peptide binding to hepatocellular carcinoma cells from a phage display peptide library." *Journal of Peptide Science* (2014). **ELISA ; Goat.**

PubMed:24478253

**[IF=1.977]** Huijuan Jin. et al. Screening and identification of a specific peptide binding to breast cancer cells from a phage-displayed peptide library. *Biotechnol Lett.* 2021 Jan;43(1):153-164 **ELISA ; Human.**

PubMed:33145670

**[IF=1.682]** Saahene RO et al. The Antitumor Mechanism of Paeonol on CXCL4/CXCR3-B Signals in Breast Cancer Through Induction of Tumor Cell Apoptosis.*Cancer Biother Radiopharm.* 2018 Aug;33(6):233-240. **WB ; Goat.**

PubMed:29847158

**[IF=1.335]** Fiorot RG et al. Synthesis, Molecular Modelling and Anticancer Activities of New Molecular Hybrids Containing 1,4-Naphthoquinone, 7-Chloroquinoline, 1,3,5-Triazine and Morpholine Cores as PI3K and AMPK Inhibitors in the Metastatic Melanoma Cells. *J. Braz. Chem. Soc.*, 2019 00(00):1-14. **WB ; Goat.**

PubMed:doi:10.21577/0103-5053.20190096

**[IF=1.27]** Ji, Mingli, et al. "Protective effect of Xuebijing injection against acute lung injury induced by left ventricular ischemia/reperfusion in rabbits." *Experimental and Therapeutic Medicine* 12.1 (2016): 51-58. **IHC-P ; Goat.**

PubMed:27347017

**[IF=0.79]** Ou, Yetao, Jianjie Wang, and Shaobo Zhou. "Antitumor and Apoptosis Induction Effects of Paeonol on Mice Bearing EMT6 Breast Carcinoma." *Biomolecules & Therapeutics (구 응용약물학회지)* 22.4 (2014): 341-346. **other ; Goat.**

PubMed:25143814

**Immunogen Species**  
**Clonality**

Rabbit  
Polyclonal

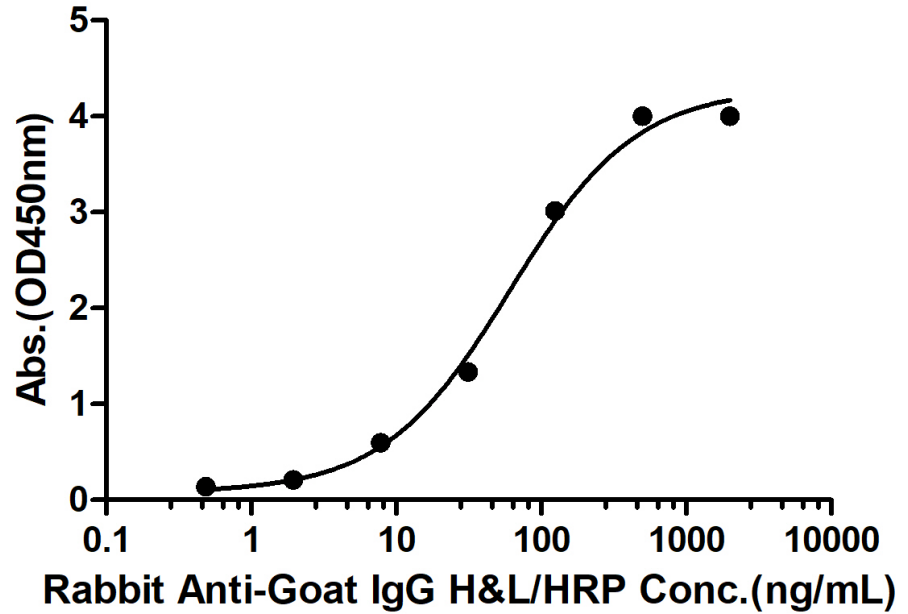


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<b>React Species</b>	Goat, WB=1:2000-20000,IHC-P=1:200-1000,IHC-F=1:200-1000,ELISA=1:2000-20000
<b>Applications</b>	not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Form</b>	Liquid
<b>Concentration</b>	2.0 mg/ml
<b>immunogen</b>	Native Goat 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. 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>Product Detail</b>	

Product  
Picture

### Rabbit Anti-Goat IgG H&L/HRP Binding with Goat IgG



Measured by its binding ability in a direct ELISA. Immobilized Goat IgG (Ca:SL0294P) at 2  $\mu\text{g/mL}$  (100  $\mu\text{L/well}$ ) can bind Rabbit Anti-Goat IgG H&L/HRP (Cat:SL0294R), the minimum detection concentration is 1.95 ng/mL.