

## AffiniPure Goat Anti-Mouse IgG H&L / HRP antibody

SL40296G-HRP

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

**Chinese Name** 辣根过氧化物酶标记羊抗小鼠 IgG H&L(进口分装)

**Alias**

AffiniPure Goat Anti-Rabbit IgG H&L (min X Hu, Ms, Rat Sr Prot)/HRP;  
AffiniPure Goat Anti-Mouse IgG (H+L)/HRP;  
HRP AffiniPure Goat Anti-Mouse IgG (H+L);  
Peroxidase AffiniPure Goat Anti-Mouse IgG (H+L) 辣根酶标记山羊抗小鼠 IgG (H+L); HRP 标记山羊抗小鼠 IgG (H+L);

**Specific References (25)** | SL40296G-HRP has been referenced in 25 publications.

**[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.**

PubMed:36195875

**[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.**



PubMed:37226238

**[IF=6.304]** Xuemei Shen. et al. CircRILPL1 promotes muscle proliferation and differentiation via binding miR-145 to activate IGF1R/PI3K/AKT pathway. *Cell Death Dis.* 2021 Feb;12(2):1-14 **WB ; Bovine.**

PubMed:33542215

**[IF=5.884]** Hao Wu. et al. TRIM35 ubiquitination regulates the expression of PKM2 tetramer and dimer and affects the malignant behaviour of breast cancer by regulating the Warburg effect. *INT J ONCOL.* 2022 Dec;61(6):1-13 **WB ; Human.**

PubMed:36196894

**[IF=5.65]** Runze Wang. et al. Downregulated RRS1 inhibits invasion and metastasis of BT549 through RPL11-c-Myc-SNAIL axis. *Int J Oncol.* 2022 Mar;60(3):1-10 **WB ; Human.**

PubMed:35179222

**[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.**

PubMed:34512612

**[IF=5.64]** Zhenya Zhai. et al. The Gut Microbiota-Bile Acids-TGR5 Axis Mediates *Eucommia ulmoides* Leaf Extract Alleviation of Injury to Colonic Epithelium Integrity. *Front Microbiol.* 2021; 12: 727681 **WB ; Human.**

PubMed:34489916

**[IF=5.62]** Dan Dong. et al. Dapagliflozin inhibits the activity of lateral habenula to alleviate diabetes mellitus-induced depressive-like behavior. *EXP NEUROL.* 2023 Aug;366:114448 **WB ; Rat.**

PubMed:37211324

**[IF=5.201]** Xuemei Shen. et al. CircINSR Regulates Fetal Bovine Muscle and Fat Development. *Front Cell Dev Biol.* 2020; 8: 615638 **WB ; Bovine.**

PubMed:33490079

**[IF=5.195]** Shujian Hu. et al. Synthesis and anticancer evaluations of novel 1H-imidazole [4,5-f][1,10] phenanthroline derivative for the treatment of colorectal cancer. *EUR J PHARMACOL.* 2022 Aug;928:175120 **WB ; Human.**

PubMed:35753402

**[IF=4.939]** Tong-Fei Li. et al. Efficient Delivery of Chlorin e6 by Polyglycerol-Coated Iron Oxide Nanoparticles with Conjugated Doxorubicin for Enhanced Photodynamic Therapy of Melanoma. *Mol Pharmaceut.* 2021;XXXX(XXX):XXX-XXX **WB ; Pig.**

PubMed:34388342

**[IF=4.932]** Zhe Song. et al. Isoandrographolide inhibits NLRP3 inflammasome activation and attenuates silicosis in mice. *Int Immunopharmacol.* 2022

Apr;105:108539 **WB ; Human.**

PubMed:35063750

**[IF=4.861]** Xuemei Shen. et al. CircRNF111 Contributes to Adipocyte Differentiation by Elevating PPAR $\gamma$  Expression via miR-27a-3p.

EPIGENETICS-US. 2022 Nov 15 **WB ; Bovine.**

PubMed:36377797

**[IF=4.175]** Junmin Li. et al. Circ\_ZFR contributes to the paclitaxel resistance and progression of non-small cell lung cancer by upregulating KPNA4 through sponging miR-195-5p. Cancer Cell Int. 2021 Dec;21(1):1-15 **WB ;**

PubMed:33407505

**[IF=4.167]** Zheng Wang. et al. MYOD1 inhibits avian adipocyte differentiation via miRNA-206/ KLF4 axis. J Anim Sci Biotechno. 2021 Dec;12(1):1-13 **WB ;**

**Chicken.**

PubMed:33952351

**[IF=3.111]** Qi Rao. et al. Effects of dihydroartemisinin combined with cisplatin on proliferation, apoptosis and migration of HepG2 cells. ONCOL LETT. 2022 Aug;24(2):1-9 **WB ; Human.**

PubMed:35782905

**[IF=3.082]** Fei Yin. et al. Effect of Human Umbilical Cord Mesenchymal Stem Cells Transfected with HGF on TGF- $\beta$ 1/Smad Signaling Pathway in Carbon Tetrachloride-Induced Liver Fibrosis Rats. Stem Cells Dev. 2020

Oct;29(21):1395-1406 **IHC ; Rat.**

PubMed:32867602

**[IF=2.952]** Shang Zhang. et al. Porcine pancreas mesenchymal cell characterization and functional differentiation into insulin-producing cells *in vitro*. Mol Med Rep. 2021 Oct;24(4):1-9 **FC ; Pig.**

PubMed:34414446

**[IF=2.945]** Zhang, Zilong. et al. Circ\_FBLN1 promotes the proliferation and osteogenic differentiation of human bone marrow-derived mesenchymal stem cells by regulating let-7i-5p/FZD4 axis and Wnt/ $\beta$ -catenin pathway. 2021 Aug 23 **WB ;**

**Human.**

PubMed:34424449

**[IF=2.523]** Zhi Chen. et al. Klotho deficiency aggravates diabetes-induced podocyte injury due to DNA damage caused by mitochondrial dysfunction. *Int J Med Sci.* 2020; 17(17): 2763–2772 **WB ; Mouse.**

PubMed:33162804

**[IF=2.447]** Panpan Dong. et al. Roles of  $ERR\alpha$  and TGF- $\beta$  signaling in stemness enhancement induced by 1  $\mu$ M bisphenol A exposure via human neural stem cells. *Exp Ther Med.* 2022 Feb;23(2):1-10 **WB ; Human.**

PubMed:35069845

**[IF=2.276]** You Ganhua. et al. Long Noncoding RNA EZR-AS1 Regulates the Proliferation, Migration, and Apoptosis of Human Venous Endothelial Cells via SMYD3. *Biomed Res Int.* 2020;2020:6840234 **WB ; Human.**

PubMed:32596350

**[IF=2.248]** Wei Shunying. et al. Overexpression of circ\_CELSR1 facilitates paclitaxel resistance of ovarian cancer by regulating miR-149-5p/SIK2 axis. *Anti-Cancer Drug.* 2021 Jun;32(5):496-507 **WB ; Human.**

PubMed:33735118

**[IF=1.785]** Li Z et al. TUG1 knockdown promoted viability and inhibited apoptosis and cartilage ECM degradation in chondrocytes via the miR-17-5p/FUT1 pathway in osteoarthritis *Exp Ther Med.* 2020 Dec;20(6):154. **WB ; Human.**

PubMed:33093892

**[IF=1.772]** Penggang Liu. et al. Expression of tumour transcription factor GLI1 in canine mammary tumours tissue. *VET MED SCI.* 2022 Jun 06 **IHC ; Dog.**

PubMed:35667035

**Immunogen Species**

Goat

**Clonality**

Polyclonal

**React Species**

Mouse,

**Applications**

WB=1:5000-50000,IHC-P=1:100-500,IHC-F=1:3000-5000,ELISA=1:5000-50000 not yet tested in other applications.



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	optimal dilutions/concentrations should be determined by the end user.
<b>Form</b>	Liquid
<b>Concentration</b>	1.0 mg/ml
<b>immunogen</b>	Native Mouse IgG
<b>Lsotype</b>	IgG1
<b>Purification</b>	affinity purified by Protein G
<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.