

Resource Summary Report

Generated by [NIF](#) on Jul 28, 2026

Anti-Goat IgG (whole molecule)-Peroxidase antibody produced in rabbit

RRID:AB_258242

Type: Antibody

Proper Citation

Sigma-Aldrich Cat# A5420, RRID:AB_258242

Antibody Information

URL: http://antibodyregistry.org/AB_258242

Proper Citation: Sigma-Aldrich Cat# A5420, RRID:AB_258242

Target Antigen: Goat IgG (whole molecule)-Peroxidase antibody produced in rabbit

Host Organism: rabbit

Clonality: polyclonal

Comments: Vendor recommendations: ELISA; Immunohistochemistry; Western Blot; direct ELISA: 1:40,000, immunoblotting: 1:80,000-1:160,000

Antibody Name: Anti-Goat IgG (whole molecule)-Peroxidase antibody produced in rabbit

Description: This polyclonal targets Goat IgG (whole molecule)-Peroxidase antibody produced in rabbit

Target Organism: goat

Antibody ID: AB_258242

Vendor: Sigma-Aldrich

Catalog Number: A5420

Record Creation Time: 20250820T000238+0000

Record Last Update: 20250820T071208+0000

Ratings and Alerts

No rating or validation information has been found for Anti-Goat IgG (whole molecule)-Peroxidase antibody produced in rabbit.

No alerts have been found for Anti-Goat IgG (whole molecule)-Peroxidase antibody produced in rabbit.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 21 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Qin X, et al. (2025) Light-quality-directed plant growth strategy controlled by SnRK2s. Developmental cell.

Yang C, et al. (2025) Glucose-activated JMJD1A drives visceral adipogenesis via γ -ketoglutarate-dependent chromatin remodeling. Cell reports, 44(8), 116060.

Tinsley H, et al. (2025) Interleukin-1 β Stimulates Matrix Metalloproteinase 10 Secretion: A Possible Mechanism in Trophoblast-Dependent Spiral Artery Remodeling. FASEB journal : official publication of the Federation of American Societies for Experimental Biology, 39(9), e70597.

Körner C, et al. (2024) The structure of the Orm2-containing serine palmitoyltransferase complex reveals distinct inhibitory potentials of yeast Orm proteins. Cell reports, 43(8), 114627.

Hu M, et al. (2023) Defective Uterine Spiral Artery Remodeling and Placental Senescence in a Pregnant Rat Model of Polycystic Ovary Syndrome. The American journal of pathology, 193(12), 1916.

Han SH, et al. (2023) COUP-TFII plays a role in cAMP-induced Schwann cell differentiation and in vitro myelination by up-regulating Krox20. Journal of neurochemistry.

Mabanglo MF, et al. (2023) Potent ClpP agonists with anticancer properties bind with improved structural complementarity and alter the mitochondrial N-terminome. Structure (London, England : 1993), 31(2), 185.

Molnár K, et al. (2022) Motoneuronal inflammasome activation triggers excessive neuroinflammation and impedes regeneration after sciatic nerve injury. Journal of neuroinflammation, 19(1), 68.

Anwar MU, et al. (2022) ER-Golgi-localized proteins TMED2 and TMED10 control the formation of plasma membrane lipid nanodomains. Developmental cell, 57(19), 2334.

Priksz D, et al. (2022) Nicotinic-acid derivative BGP-15 improves diastolic function in a rabbit model of atherosclerotic cardiomyopathy. *British journal of pharmacology*, 179(10), 2240.

Kojima Y, et al. (2021) GATA transcription factors, SOX17 and TFAP2C, drive the human germ-cell specification program. *Life science alliance*, 4(5).

Dolicka D, et al. (2021) Tristetraprolin Promotes Hepatic Inflammation and Tumor Initiation but Restrains Cancer Progression to Malignancy. *Cellular and molecular gastroenterology and hepatology*, 11(2), 597.

Schiavone ML, et al. (2020) Homogentisic acid affects human osteoblastic functionality by oxidative stress and alteration of the Wnt/ β -catenin signaling pathway. *Journal of cellular physiology*, 235(10), 6808.

Cerqueira DM, et al. (2019) In utero exposure to maternal diabetes impairs nephron progenitor differentiation. *American journal of physiology. Renal physiology*, 317(5), F1318.

Taher J, et al. (2018) GLP-2 Dysregulates Hepatic Lipoprotein Metabolism, Inducing Fatty Liver and VLDL Overproduction in Male Hamsters and Mice. *Endocrinology*, 159(9), 3340.

Yoshikawa H, et al. (2018) Efficient analysis of mammalian polysomes in cells and tissues using Ribo Mega-SEC. *eLife*, 7.

Wong KS, et al. (2018) Acyldepsipeptide Analogs Dysregulate Human Mitochondrial ClpP Protease Activity and Cause Apoptotic Cell Death. *Cell chemical biology*, 25(8), 1017.

Mi DJ, et al. (2018) Altered glutamate clearance in ascorbate deficient mice increases seizure susceptibility and contributes to cognitive impairment in APP/PSEN1 mice. *Neurobiology of aging*, 71, 241.

Koch B, et al. (2018) A Metabolic Checkpoint for the Yeast-to-Hyphae Developmental Switch Regulated by Endogenous Nitric Oxide Signaling. *Cell reports*, 25(8), 2244.

Kojima Y, et al. (2017) Evolutionarily Distinctive Transcriptional and Signaling Programs Drive Human Germ Cell Lineage Specification from Pluripotent Stem Cells. *Cell stem cell*, 21(4), 517.