Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 1, 2025

Goat anti-Mouse IgG (H+L) Secondary Antibody, HRP

RRID:AB_228307
Type: Antibody

Proper Citation

(Thermo Fisher Scientific Cat# 31430, RRID:AB_228307)

Antibody Information

URL: http://antibodyregistry.org/AB_228307

Proper Citation: (Thermo Fisher Scientific Cat# 31430, RRID:AB_228307)

Target Antigen: Mouse IgG (H+L)

Host Organism: goat

Clonality: polyclonal secondary

Comments: Applications: IP (1:500-1:5,000), WB (1:5,000-1:200,000), ELISA (1:10,000-1:25,000), IHC (P) (Assay-dependent)

Antibody Name: Goat anti-Mouse IgG (H+L) Secondary Antibody, HRP

Description: This polyclonal secondary targets Mouse IgG (H+L)

Target Organism: mouse

Defining Citation:

PMID:27339730, PMID:23844236, PMID:24698414, PMID:23872101, PMID:22450315, PMID:23481038, PMID:24522918, PMID:9075716, PMID:24763314, PMID:22688905, PMID:24991836, PMID:23424246, PMID:24465440, PMID:24879156, PMID:17848953, PMID:23118342, PMID:27671329, PMID:21906027, PMID:24735498, PMID:27008887, PMID:24178762, PMID:23530917, PMID:24680936, PMID:24270888, PMID:24586198, PMID:22955276, PMID:28087630, PMID:24762334, PMID:24430802, PMID:23460885, PMID:25117710, PMID:24091731, PMID:18588971, PMID:24658276, PMID:24556631, PMID:24326668, PMID:23540673, PMID:25350844, PMID:8068950, PMID:27878518, PMID:27473871, PMID:24135906, PMID:27073441, PMID:24990963, PMID:23428741, PMID:24682647, PMID:27174428, PMID:24371040, PMID:28088388, PMID:23408027, PMID:22345328, PMID:24769906, PMID:23440637, PMID:27305174, PMID:23913792, PMID:24175308, PMID:10359649, PMID:27030741, PMID:24469076, PMID:22233220, PMID:23741294, PMID:25575823

Antibody ID: AB_228307

Vendor: Thermo Fisher Scientific

Catalog Number: 31430

Record Creation Time: 20231110T045314+0000

Record Last Update: 20241115T022353+0000

Ratings and Alerts

No rating or validation information has been found for Goat anti-Mouse IgG (H+L) Secondary Antibody, HRP.

Warning: ***Extracted Antibody Information:*** "Agrisera, Sweden). The sections were then incubated with goat anti-mouse HRP conjugated secondary antibody (1:300, #31430, RRID: ***AB_228307***,"

Extracted Specificity Statement: "Immunodetection Kit, BMK-2202, RRID:AB_2336833, Vector laboratories). Sections were transferred overnight in mouse anti-human aSyn oligomer ***specific*** primary antibody (1:200; AS132718, RRID:AB_2629502, Agrisera, Sweden). The sections were then incubated with goat anti-mouse HRP conjugated secondary antibody (1:300, #31430, RRID:AB_228307, Thermo Fisher Scientific)."

Data was mined by Antibody Watch (https://arxiv.org/pdf/2008.01937.pdf), from ***PMID:29367610***
Applications: IP (1:500-1:5,000), WB (1:5,000-1:200,000), ELISA (1:10,000-1:25,000), IHC (P) (Assay-dependent)

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 314 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Riemersma IW, et al. (2024) Suppression of Cofilin function in the somatosensory cortex alters social contact behavior in the BTBR mouse inbred line. Cerebral cortex (New York, N.Y. : 1991), 34(4).

Xiao YX, et al. (2024) The TSC22D, WNK, and NRBP gene families exhibit functional buffering and evolved with Metazoa for cell volume regulation. Cell reports, 43(7), 114417.

Zhao F, et al. (2024) GRP75-dependent mitochondria-ER contacts ensure cell survival during early mouse thymocyte development. Developmental cell, 59(19), 2643.

Vihma H, et al. (2024) Ube3a unsilencer for the potential treatment of Angelman syndrome. Nature communications, 15(1), 5558.

Longo M, et al. (2024) Opposing roles for AMPK in regulating distinct mitophagy pathways. Molecular cell, 84(22), 4350.

Ying R, et al. (2024) RPGR is a guanine nucleotide exchange factor for the small GTPase RAB37 required for retinal function via autophagy regulation. Cell reports, 43(4), 114010.

Parmasad JA, et al. (2024) Genetic and pharmacological reduction of CDK14 mitigates synucleinopathy. Cell death & disease, 15(4), 246.

Kim N, et al. (2024) Repulsive Sema3E-Plexin-D1 signaling coordinates both axonal extension and steering via activating an autoregulatory factor, Mtss1. eLife, 13.

Hou S, et al. (2024) PARP5A and RNF146 phase separation restrains RIPK1-dependent necroptosis. Molecular cell, 84(5), 938.

Bastidas RJ, et al. (2024) The acetylase activity of Cdu1 regulates bacterial exit from infected cells by protecting Chlamydia effectors from degradation. eLife, 12.

Li J, et al. (2024) Machine learning-based prediction models to guide the selection of Cas9 variants for efficient gene editing. Cell reports, 43(2), 113765.

Ananth S, et al. (2024) Spatial resolution of HIV-1 post-entry steps in resting CD4 T cells. Cell reports, 43(3), 113941.

Lampson BL, et al. (2024) Positive selection CRISPR screens reveal a druggable pocket in an oligosaccharyltransferase required for inflammatory signaling to NF-?B. Cell, 187(9), 2209.

Blackmore K, et al. (2024) A forebrain-hypothalamic ER stress driven circuit mediates hepatic steatosis during obesity. Molecular metabolism, 79, 101858.

Li R, et al. (2024) CircUSP1 as a novel marker promotes gastric cancer progression via stabilizing HuR to upregulate USP1 and Vimentin. Oncogene, 43(14), 1033.

Carrasquillo Rodríguez JW, et al. (2024) Differential reliance of CTD-nuclear envelope phosphatase 1 on its regulatory subunit in ER lipid synthesis and storage. Molecular biology of the cell, 35(7), ar101.

Cai C, et al. (2024) NRAS Mutant Dictates AHCYL1-Governed ER Calcium Homeostasis for Melanoma Tumor Growth. Molecular cancer research : MCR, 22(4), 386.

Liguori F, et al. (2024) Pan-neuronal expression of human mutant SOD1 in Drosophila impairs survival and motor performance, induces early neuroinflammation and chromosome aberrations. Biochimica et biophysica acta. Molecular basis of disease, 1870(5), 167192.

Lu H, et al. (2024) The mitochondrial genome-encoded peptide MOTS-c interacts with Bcl-2 to alleviate nonalcoholic steatohepatitis progression. Cell reports, 43(1), 113587.

Dai Y, et al. (2024) Increased viral tolerance mediates by antiviral RNA interference in bat cells. Cell reports, 43(8), 114581.