

Resource Summary Report

Generated by [NIF](#) on Jul 29, 2026

goat anti-mouse IgG-HRP

RRID:AB_631738

Type: Antibody

Proper Citation

Santa Cruz Biotechnology Cat# sc-2055, RRID:AB_631738

Antibody Information

URL: http://antibodyregistry.org/AB_631738

Proper Citation: Santa Cruz Biotechnology Cat# sc-2055, RRID:AB_631738

Target Antigen: goat anti-mouse IgG-HRP

Host Organism: goat

Clonality: polyclonal

Comments: Discontinued: 2016; validation status unknown check with seller; recommendations: IgY Western Blot

Antibody Name: goat anti-mouse IgG-HRP

Description: This polyclonal targets goat anti-mouse IgG-HRP

Target Organism: mouse, plant

Antibody ID: AB_631738

Vendor: Santa Cruz Biotechnology

Catalog Number: sc-2055

Record Creation Time: 20250819T233748+0000

Record Last Update: 20250820T055549+0000

Ratings and Alerts

No rating or validation information has been found for goat anti-mouse IgG-HRP.

Warning: Discontinued: 2016

Discontinued: 2016; validation status unknown check with seller; recommendations: IgY Western Blot

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 25 mentions in open access literature.

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

Hsu CC, et al. (2025) ALDH4A1 functions as an active component of the MPC complex maintaining mitochondrial pyruvate import for TCA cycle entry and tumour suppression. Nature cell biology, 27(5), 847.

Rohm TV, et al. (2025) Adipose Tissue Macrophages in Metabolic Dysfunction-Associated Steatohepatitis Secrete Extracellular Vesicles That Activate Liver Fibrosis in Obese Male Mice. Gastroenterology, 169(4), 691.

Canac R, et al. (2022) Generation of three human induced pluripotent stem cell lines with IRX5 knockout and knockin genetic editions using CRISPR-Cas9 system. Stem cell research, 58, 102627.

Weng H, et al. (2022) The m6A reader IGF2BP2 regulates glutamine metabolism and represents a therapeutic target in acute myeloid leukemia. Cancer cell, 40(12), 1566.

Kunder R, et al. (2022) Synergistic PIM kinase and proteasome inhibition as a therapeutic strategy for MYC-overexpressing triple-negative breast cancer. Cell chemical biology, 29(3), 358.

Hsu CC, et al. (2021) Inositol serves as a natural inhibitor of mitochondrial fission by directly targeting AMPK. Molecular cell, 81(18), 3803.

Mellis AT, et al. (2021) The role of glutamate oxaloacetate transaminases in sulfite biosynthesis and H2S metabolism. Redox biology, 38, 101800.

Grieve AG, et al. (2021) Conformational surveillance of Orai1 by a rhomboid intramembrane protease prevents inappropriate CRAC channel activation. Molecular cell, 81(23), 4784.

Papathanasiou M, et al. (2021) Identification of a dynamic gene regulatory network required for pluripotency factor-induced reprogramming of mouse fibroblasts and hepatocytes. The EMBO journal, 40(1), e102236.

Kilinc S, et al. (2021) Oncogene-regulated release of extracellular vesicles. Developmental cell, 56(13), 1989.

Tirinato L, et al. (2021) Lipid droplets and ferritin heavy chain: a devilish liaison in human cancer cell radioresistance. *eLife*, 10.

Suresh P, et al. (2020) Microneedle manipulation of the mammalian spindle reveals specialized, short-lived reinforcement near chromosomes. *eLife*, 9.

Campbell SC, et al. (2020) Potassium and glutamate transport is impaired in scar-forming tumor-associated astrocytes. *Neurochemistry international*, 133, 104628.

Arnold J, et al. (2020) Tubulin Tyrosine Ligase Like 4 (TTLL4) overexpression in breast cancer cells is associated with brain metastasis and alters exosome biogenesis. *Journal of experimental & clinical cancer research : CR*, 39(1), 205.

Alam H, et al. (2020) KMT2D Deficiency Impairs Super-Enhancers to Confer a Glycolytic Vulnerability in Lung Cancer. *Cancer cell*, 37(4), 599.

Mellis AT, et al. (2020) Sulfite Alters the Mitochondrial Network in Molybdenum Cofactor Deficiency. *Frontiers in genetics*, 11, 594828.

Choudhury SR, et al. (2019) Dipeptidase-1 Is an Adhesion Receptor for Neutrophil Recruitment in Lungs and Liver. *Cell*, 178(5), 1205.

Tsai JW, et al. (2019) Transcriptional Feedback Links Lipid Synthesis to Synaptic Vesicle Pools in *Drosophila* Photoreceptors. *Neuron*, 101(4), 721.

Shandra O, et al. (2019) Repetitive Diffuse Mild Traumatic Brain Injury Causes an Atypical Astrocyte Response and Spontaneous Recurrent Seizures. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 39(10), 1944.

Huang Y, et al. (2019) Small-Molecule Targeting of Oncogenic FTO Demethylase in Acute Myeloid Leukemia. *Cancer cell*, 35(4), 677.