

Resource Summary Report

Generated by [RRID](#) on Aug 13, 2026

Mouse Leptin R Antibody

RRID:AB_2281270

Type: Antibody

Proper Citation

R and D Systems Cat# AF497, RRID:AB_2281270

Antibody Information

URL: http://antibodyregistry.org/AB_2281270

Proper Citation: R and D Systems Cat# AF497, RRID:AB_2281270

Target Antigen: Leptin R

Host Organism: Goat

Clonality: polyclonal

Comments: Applications: Western Blot, Flow Cytometry, Immunohistochemistry, CyTOF-ready

Antibody Name: Mouse Leptin R Antibody

Description: This polyclonal targets Leptin R

Target Organism: mouse

Antibody ID: AB_2281270

Vendor: R and D Systems

Catalog Number: AF497

Alternative Catalog Numbers: AF497-SP

Record Creation Time: 20250820T012859+0000

Record Last Update: 20250820T110301+0000

Ratings and Alerts

No rating or validation information has been found for Mouse Leptin R Antibody.

No alerts have been found for Mouse Leptin R Antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 10 mentions in open access literature.

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

Wang J, et al. (2026) Adipocyte-derived extracellular vesicles are key regulators of central leptin sensitivity and energy homeostasis. *Cell metabolism*, 38(1), 82.

Wang X, et al. (2026) Chemotherapy triggers immune evasion by fostering LEPR+ Kupffer cell differentiation in liver metastases. *Cancer cell*, 44(3), 658.

Vercellino J, et al. (2024) Thrombopoietin mimetic stimulates bone marrow vascular and stromal niches to mitigate acute radiation syndrome. *Stem cell research & therapy*, 15(1), 123.

Zhang W, et al. (2023) Bone Metastasis Initiation Is Coupled with Bone Remodeling through Osteogenic Differentiation of NG2+ Cells. *Cancer discovery*, 13(2), 474.

Saçma M, et al. (2022) Fast and high-fidelity in situ 3D imaging protocol for stem cells and niche components for mouse organs and tissues. *STAR protocols*, 3(3), 101483.

Long JT, et al. (2022) Hypertrophic chondrocytes serve as a reservoir for marrow-associated skeletal stem and progenitor cells, osteoblasts, and adipocytes during skeletal development. *eLife*, 11.

Men Y, et al. (2020) Gli1+ Periodontium Stem Cells Are Regulated by Osteocytes and Occlusal Force. *Developmental cell*, 54(5), 639.

Severe N, et al. (2019) Stress-Induced Changes in Bone Marrow Stromal Cell Populations Revealed through Single-Cell Protein Expression Mapping. *Cell stem cell*, 25(4), 570.

Wang T, et al. (2018) JAK/STAT3-Regulated Fatty Acid β -Oxidation Is Critical for Breast Cancer Stem Cell Self-Renewal and Chemoresistance. *Cell metabolism*, 27(1), 136.

Boulais PE, et al. (2018) The Majority of CD45- Ter119- CD31- Bone Marrow Cell Fraction Is of Hematopoietic Origin and Contains Erythroid and Lymphoid Progenitors. *Immunity*, 49(4), 627.