Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 25, 2025

Mouse TREM2 Antibody

RRID:AB_354956
Type: Antibody

Proper Citation

(R and D Systems Cat# AF1729, RRID:AB_354956)

Antibody Information

URL: http://antibodyregistry.org/AB_354956

Proper Citation: (R and D Systems Cat# AF1729, RRID:AB_354956)

Target Antigen: TREM2

Host Organism: Sheep

Clonality: polyclonal

Comments: Applications: Western Blot, ELISA, Immunocytochemistry, Knockout Validated

Antibody Name: Mouse TREM2 Antibody

Description: This polyclonal targets TREM2

Target Organism: Mouse

Antibody ID: AB_354956

Vendor: R and D Systems

Catalog Number: AF1729

Alternative Catalog Numbers: AF1729-SP

Record Creation Time: 20241016T224030+0000

Record Last Update: 20241016T231948+0000

Ratings and Alerts

No rating or validation information has been found for Mouse TREM2 Antibody.

No alerts have been found for Mouse TREM2 Antibody.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 27 mentions in open access literature.

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

Xiong M, et al. (2024) Antibody engagement with amyloid-beta does not inhibit [11C]PiB binding for PET imaging. Journal of neurochemistry, 168(9), 2601.

Codocedo JF, et al. (2024) Therapeutic targeting of immunometabolism reveals a critical reliance on hexokinase 2 dosage for microglial activation and Alzheimer's progression. Cell reports, 43(7), 114488.

Zhong J, et al. (2024) Distinct roles of TREM2 in central nervous system cancers and peripheral cancers. Cancer cell, 42(6), 968.

Zhang W, et al. (2024) Decreased extrasynaptic ?-GABAA receptors in PNN-associated parvalbumin interneurons correlates with anxiety in APP and tau mouse models of Alzheimer's disease. British journal of pharmacology, 181(20), 3944.

Yin T, et al. (2024) Functional BRI2-TREM2 interactions in microglia: implications for Alzheimer's and related dementias. EMBO reports, 25(3), 1326.

Pang XW, et al. (2023) Trem2 deficiency attenuates microglial phagocytosis and autophagic-lysosomal activation in white matter hypoperfusion. Journal of neurochemistry, 167(4), 489.

Shu X, et al. (2023) Negative regulation of TREM2-mediated C9orf72 poly-GA clearance by the NLRP3 inflammasome. Cell reports, 42(2), 112133.

Wang X, et al. (2023) Prolonged hypernutrition impairs TREM2-dependent efferocytosis to license chronic liver inflammation and NASH development. Immunity, 56(1), 58.

Yin T, et al. (2023) BRI2-mediated regulation of TREM2 processing in microglia and its potential implications for Alzheimer's disease and related dementias. bioRxiv : the preprint server for biology.

Wu Y, et al. (2023) Hepatic soluble epoxide hydrolase activity regulates cerebral A? metabolism and the pathogenesis of Alzheimer's disease in mice. Neuron, 111(18), 2847.

Wang R, et al. (2023) A novel phenotype of B cells associated with enhanced phagocytic capability and chemotactic function after ischemic stroke. Neural regeneration research, 18(11), 2413.

Yofe I, et al. (2023) Spatial and Temporal Mapping of Breast Cancer Lung Metastases Identify TREM2 Macrophages as Regulators of the Metastatic Boundary. Cancer discovery, 13(12), 2610.

Greve HJ, et al. (2023) The bidirectional lung brain-axis of amyloid-? pathology: ozone dysregulates the peri-plaque microenvironment. Brain : a journal of neurology, 146(3), 991.

Iguchi A, et al. (2023) INPP5D modulates TREM2 loss-of-function phenotypes in a ?-amyloidosis mouse model. iScience, 26(4), 106375.

Dhandapani R, et al. (2022) Sustained Trem2 stabilization accelerates microglia heterogeneity and A? pathology in a mouse model of Alzheimer's disease. Cell reports, 39(9), 110883.

Wood JI, et al. (2022) Plaque contact and unimpaired Trem2 is required for the microglial response to amyloid pathology. Cell reports, 41(8), 111686.

Huang Y, et al. (2022) Adaptable toolbox to characterize Alzheimer's disease pathology in mouse models. STAR protocols, 3(4), 101891.

Wang S, et al. (2022) TREM2 drives microglia response to amyloid-? via SYK-dependent and -independent pathways. Cell, 185(22), 4153.

Pankiewicz JE, et al. (2021) Absence of Apolipoprotein E is associated with exacerbation of prion pathology and promotes microglial neurodegenerative phenotype. Acta neuropathologica communications, 9(1), 157.

Mehina EMF, et al. (2021) Invasion of phagocytic Galectin 3 expressing macrophages in the diabetic brain disrupts vascular repair. Science advances, 7(34).