

Resource Summary Report

Generated by [RRID](#) on Sep 11, 2026

Anti-P2RY12 antibody produced in rabbit

RRID:AB_2669027

Type: Antibody

Proper Citation

Sigma-Aldrich Cat# HPA014518, RRID:AB_2669027

Antibody Information

URL: http://antibodyregistry.org/AB_2669027

Proper Citation: Sigma-Aldrich Cat# HPA014518, RRID:AB_2669027

Target Antigen: P2RY12

Host Organism: rabbit

Clonality: polyclonal

Comments: Applications: IHC

Antibody Name: Anti-P2RY12 antibody produced in rabbit

Description: This polyclonal targets P2RY12

Target Organism: human

Antibody ID: AB_2669027

Vendor: Sigma-Aldrich

Catalog Number: HPA014518

Record Creation Time: 20231110T031649+0000

Record Last Update: 20260831T232619+0000

Ratings and Alerts

- Antibody validation available from The Human Protein Atlas - Human Protein Atlas <https://www.proteinatlas.org/search/HPA014518>

No alerts have been found for Anti-P2RY12 antibody produced in rabbit.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 36 mentions in open access literature.

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

Raguin J, et al. (2026) Human cerebral organoids with microglia and vasculature model glioma stem cell interactions and radiotherapy response. *Cell reports methods*, 6(6), 101425.

Huang AY, et al. (2026) Somatic cancer variants enriched in Alzheimer's disease microglia-like cells drive inflammatory and proliferative states. *Cell*, 189(12), 3719.

Qian L, et al. (2026) Protocol for morphogen-guided differentiation of brain cell types using human induced pluripotent stem cells. *STAR protocols*, 7(1), 104339.

Patel R, et al. (2026) Reduced SH3RF3 May Protect Against Alzheimer's Disease by Lowering Microglial Pro-Inflammatory Responses via Modulation of JNK and NFkB Signaling. *Glia*, 74(7), e70165.

Zeng F, et al. (2026) Microglia overexpressing brain-derived neurotrophic factor promote vascular repair and functional recovery in mice after spinal cord injury. *Neural regeneration research*, 21(1), 365.

Jin M, et al. (2026) Chimeric brain models to study human glial-neuronal and macroglial-microglial interactions. *Cell reports*, 45(1), 116794.

Rao A, et al. (2025) Microglia depletion reduces human neuronal APOE4-related pathologies in a chimeric Alzheimer's disease model. *Cell stem cell*, 32(1), 86.

Matatall KA, et al. (2025) TET2-mutant myeloid cells mitigate Alzheimer's disease progression via CNS infiltration and enhanced phagocytosis in mice. *Cell stem cell*, 32(8), 1285.

Satpathy S, et al. (2025) Integrative analysis of lung adenocarcinoma across diverse ethnicities and exposures. *Cancer cell*, 43(9), 1731.

Li X, et al. (2024) Polygenic risk for alcohol use disorder affects cellular responses to ethanol exposure in a human microglial cell model. *Science advances*, 10(45), eado5820.

Boreland AJ, et al. (2024) Sustained type I interferon signaling after human immunodeficiency virus type 1 infection of human iPSC derived microglia and cerebral organoids. *iScience*, 27(5), 109628.

Chadarevian JP, et al. (2024) Therapeutic potential of human microglia transplantation in a chimeric model of CSF1R-related leukoencephalopathy. *Neuron*, 112(16), 2686.

Lu T, et al. (2024) Decoding transcriptional identity in developing human sensory neurons and organoid modeling. *Cell*, 187(26), 7374.

Ma W, et al. (2024) Human-induced pluripotent stem cell-derived microglia integrate into mouse retina and recapitulate features of endogenous microglia. *eLife*, 12.

Sun N, et al. (2023) Human microglial state dynamics in Alzheimer's disease progression. *Cell*, 186(20), 4386.

Shahidehpour RK, et al. (2023) The localization of molecularly distinct microglia populations to Alzheimer's disease pathologies using QUIVER. *Acta neuropathologica communications*, 11(1), 45.

Maas RR, et al. (2023) The local microenvironment drives activation of neutrophils in human brain tumors. *Cell*, 186(21), 4546.

Tzioras M, et al. (2023) Human astrocytes and microglia show augmented ingestion of synapses in Alzheimer's disease via MFG-E8. *Cell reports. Medicine*, 4(9), 101175.

Han CZ, et al. (2023) Human microglia maturation is underpinned by specific gene regulatory networks. *Immunity*, 56(9), 2152.

Schafer ST, et al. (2023) An in?vivo neuroimmune organoid model to study human microglia phenotypes. *Cell*, 186(10), 2111.