Resource Summary Report

Generated by FDI Lab - SciCrunch.org on May 3, 2025

Monoclonal Anti-D1 Dopamine Receptor antibody produced in rat

RRID:AB_1840787
Type: Antibody

Proper Citation

(Sigma-Aldrich Cat# D2944, RRID:AB_1840787)

Antibody Information

URL: http://antibodyregistry.org/AB_1840787

Proper Citation: (Sigma-Aldrich Cat# D2944, RRID:AB_1840787)

Target Antigen: D1 Dopamine Receptor antibody produced in rat

Host Organism: rat

Clonality: monoclonal

Comments: Vendor recommendations: IgG2a Immunohistochemistry; Western Blot; Immunocytochemistry; immunohistochemistry: suitable, immunocytochemistry2,3,4,5: 5-10 mug/mL

Antibody Name: Monoclonal Anti-D1 Dopamine Receptor antibody produced in rat

Description: This monoclonal targets D1 Dopamine Receptor antibody produced in rat

Target Organism: monkey, rat, human

Antibody ID: AB_1840787

Vendor: Sigma-Aldrich

Catalog Number: D2944

Record Creation Time: 20241016T224449+0000

Record Last Update: 20241016T232700+0000

Ratings and Alerts

No rating or validation information has been found for Monoclonal Anti-D1 Dopamine Receptor antibody produced in rat.

No alerts have been found for Monoclonal Anti-D1 Dopamine Receptor antibody produced in rat.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 13 mentions in open access literature.

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

Kim DH, et al. (2024) The dopamine D2-like receptor and the Y-chromosome gene, SRY, are reciprocally regulated in the human male neuroblastoma M17 cell line. Neuropharmacology, 251, 109928.

Dong J, et al. (2024) Age-related changes of dopamine D1 and D2 receptors expression in parvalbumin-positive cells of the orbitofrontal and prelimbic cortices of mice. Frontiers in neuroscience, 18, 1364067.

Gao SQ, et al. (2023) Thrombospondin1 mimics rapidly relieve depression via Shank3 dependent uncoupling between dopamine D1 and D2 receptors. iScience, 26(4), 106488.

Ogata K, et al. (2022) Conservation of the Direct and Indirect Pathway Dichotomy in Mouse Caudal Striatum With Uneven Distribution of Dopamine Receptor D1- and D2-Expressing Neurons. Frontiers in neuroanatomy, 16, 809446.

Wang J, et al. (2021) Pathways for Contextual Memory: The Primate Hippocampal Pathway to Anterior Cingulate Cortex. Cerebral cortex (New York, N.Y. : 1991), 31(3), 1807.

Ducrocq F, et al. (2020) Causal Link between n-3 Polyunsaturated Fatty Acid Deficiency and Motivation Deficits. Cell metabolism, 31(4), 755.

Grippo RM, et al. (2020) Dopamine Signaling in the Suprachiasmatic Nucleus Enables Weight Gain Associated with Hedonic Feeding. Current biology : CB, 30(2), 196.

Mitrano DA, et al. (2018) ?1b-Adrenergic Receptor Localization and Relationship to the D1-Dopamine Receptor in the Rat Nucleus Accumbens. Neuroscience, 371, 126.

Lavian H, et al. (2018) Dopamine receptors in the rat entopeduncular nucleus. Brain structure & function, 223(6), 2673.

Ketzef M, et al. (2017) Dopamine Depletion Impairs Bilateral Sensory Processing in the Striatum in a Pathway-Dependent Manner. Neuron, 94(4), 855.

Grippo RM, et al. (2017) Direct Midbrain Dopamine Input to the Suprachiasmatic Nucleus Accelerates Circadian Entrainment. Current biology : CB, 27(16), 2465.

Naneix F, et al. (2017) Impact of Early Consumption of High-Fat Diet on the Mesolimbic Dopaminergic System. eNeuro, 4(3).

Biezonski DK, et al. (2015) Evidence for limited D1 and D2 receptor coexpression and colocalization within the dorsal striatum of the neonatal mouse. The Journal of comparative neurology, 523(8), 1175.