

Resource Summary Report

Generated by [PRECISE-TBI](#) on Sep 6, 2026

D1R (dopamine receptor-1) antibody

RRID:AB_2571595

Type: Antibody

Proper Citation

Frontier Institute Cat# D1R-GP, RRID:AB_2571595

Antibody Information

URL: http://antibodyregistry.org/AB_2571595

Proper Citation: Frontier Institute Cat# D1R-GP, RRID:AB_2571595

Target Antigen: mouse dopamine receptor D1 (Drd1), C-terminal 45 aa (NM010076)

Host Organism: guinea pig

Clonality: polyclonal

Antibody Name: D1R (dopamine receptor-1) antibody

Description: This polyclonal targets mouse dopamine receptor D1 (Drd1), C-terminal 45 aa (NM010076)

Target Organism: mouse

Antibody ID: AB_2571595

Vendor: Frontier Institute

Catalog Number: D1R-GP

Record Creation Time: 20231110T035125+0000

Record Last Update: 20260830T040924+0000

Ratings and Alerts

No rating or validation information has been found for D1R (dopamine receptor-1) antibody.

No alerts have been found for D1R (dopamine receptor-1) antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 7 mentions in open access literature.

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

Kadono F, et al. (2025) Biased thalamic innervation onto the distinct subregion where dopamine receptor 1 is dominantly expressed in the caudal striatum. *Neuroscience research*, 218, 104930.

Li WR, et al. (2023) Neural mechanisms underlying uninstructed orofacial movements during reward-based learning behaviors. *Current biology : CB*, 33(16), 3436.

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.

Cui W, et al. (2020) Dopaminergic Signaling in the Nucleus Accumbens Modulates Stress-Coping Strategies during Inescapable Stress. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 40(38), 7241.

Moreno-Delgado D, et al. (2020) Modulation of dopamine D1 receptors via histamine H3 receptors is a novel therapeutic target for Huntington's disease. *eLife*, 9.

Gangarossa G, et al. (2019) Contrasting patterns of ERK activation in the tail of the striatum in response to aversive and rewarding signals. *Journal of neurochemistry*, 151(2), 204.

Nonomura S, et al. (2018) Monitoring and Updating of Action Selection for Goal-Directed Behavior through the Striatal Direct and Indirect Pathways. *Neuron*, 99(6), 1302.