Resource Summary Report

Generated by FDI Lab - SciCrunch.org on May 12, 2025

Mouse Anti-DARPP-32 Monoclonal Antibody, Unconjugated, Clone 15

RRID:AB_398980
Type: Antibody

Proper Citation

(BD Biosciences Cat# 611520, RRID:AB_398980)

Antibody Information

URL: http://antibodyregistry.org/AB_398980

Proper Citation: (BD Biosciences Cat# 611520, RRID:AB_398980)

Target Antigen: DARPP-32

Host Organism: mouse

Clonality: monoclonal

Comments: Bioimaging, Western blot

Antibody Name: Mouse Anti-DARPP-32 Monoclonal Antibody, Unconjugated, Clone 15

Description: This monoclonal targets DARPP-32

Target Organism: rat, mouse

Antibody ID: AB_398980

Vendor: BD Biosciences

Catalog Number: 611520

Record Creation Time: 20241017T001056+0000

Record Last Update: 20241017T014840+0000

Ratings and Alerts

No rating or validation information has been found for Mouse Anti-DARPP-32 Monoclonal Antibody, Unconjugated, Clone 15.

No alerts have been found for Mouse Anti-DARPP-32 Monoclonal Antibody, Unconjugated, Clone 15.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 14 mentions in open access literature.

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

Hart G, et al. (2024) Striatal dopamine release tracks the relationship between actions and their consequences. Cell reports, 43(3), 113828.

Masukawa D, et al. (2023) Coupling between GPR143 and dopamine D2 receptor is required for selective potentiation of dopamine D2 receptor function by L-3,4-dihydroxyphenylalanine in the dorsal striatum. Journal of neurochemistry, 165(2), 177.

Terauchi A, et al. (2023) The projection-specific signals that establish functionally segregated dopaminergic synapses. Cell, 186(18), 3845.

van Heusden F, et al. (2021) Diversity in striatal synaptic circuits arises from distinct embryonic progenitor pools in the ventral telencephalon. Cell reports, 35(4), 109041.

Klawonn AM, et al. (2021) Microglial activation elicits a negative affective state through prostaglandin-mediated modulation of striatal neurons. Immunity, 54(2), 225.

Peak J, et al. (2020) Striatal direct and indirect pathway neurons differentially control the encoding and updating of goal-directed learning. eLife, 9.

Yoshida K, et al. (2020) Opposing Ventral Striatal Medium Spiny Neuron Activities Shaped by Striatal Parvalbumin-Expressing Interneurons during Goal-Directed Behaviors. Cell reports, 31(13), 107829.

Blázquez C, et al. (2020) Inhibition of striatonigral autophagy as a link between cannabinoid intoxication and impairment of motor coordination. eLife, 9.

Morse AK, et al. (2020) Basolateral Amygdala Drives a GPCR-Mediated Striatal Memory Necessary for Predictive Learning to Influence Choice. Neuron, 106(5), 855.

Ruud J, et al. (2019) The Fat Mass and Obesity-Associated Protein (FTO) Regulates Locomotor Responses to Novelty via D2R Medium Spiny Neurons. Cell reports, 27(11),

3182.

Zhang X, et al. (2019) Balance between dopamine and adenosine signals regulates the PKA/Rap1 pathway in striatal medium spiny neurons. Neurochemistry international, 122, 8.

Keifman E, et al. (2019) Optostimulation of striatonigral terminals in substantia nigra induces dyskinesia that increases after L-DOPA in a mouse model of Parkinson's disease. British journal of pharmacology, 176(13), 2146.

Hart G, et al. (2016) Consolidation of Goal-Directed Action Depends on MAPK/ERK Signaling in Rodent Prelimbic Cortex. The Journal of neuroscience : the official journal of the Society for Neuroscience, 36(47), 11974.

McKinstry SU, et al. (2014) Huntingtin is required for normal excitatory synapse development in cortical and striatal circuits. The Journal of neuroscience : the official journal of the Society for Neuroscience, 34(28), 9455.