Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 28, 2025

Mouse Anti-Tau BSA & Azide Free Monoclonal Antibody, Unconjugated, Clone TAU-5

RRID:AB_1603723
Type: Antibody

Proper Citation

(Abcam Cat# ab80579, RRID:AB_1603723)

Antibody Information

URL: http://antibodyregistry.org/AB_1603723

Proper Citation: (Abcam Cat# ab80579, RRID:AB_1603723)

Target Antigen: Tau

Host Organism: mouse

Clonality: monoclonal

Comments: validation status unknown, seller recommendations provided in 2012: Immunocytochemistry; Immunofluorescence; Immunoprecipitation; Western Blot; Immunocytochemistry/Immunofluorescence, Immunoprecipitation, Western Blot

Antibody Name: Mouse Anti-Tau BSA & Azide Free Monoclonal Antibody, Unconjugated, Clone TAU-5

Description: This monoclonal targets Tau

Target Organism: rat, mouse, bovine, human, sheep

Clone ID: Clone TAU-5

Antibody ID: AB_1603723

Vendor: Abcam

Catalog Number: ab80579

Record Creation Time: 20231110T052552+0000

Record Last Update: 20241114T224613+0000

Ratings and Alerts

No rating or validation information has been found for Mouse Anti-Tau BSA & Azide Free Monoclonal Antibody, Unconjugated, Clone TAU-5.

No alerts have been found for Mouse Anti-Tau BSA & Azide Free Monoclonal Antibody, Unconjugated, Clone TAU-5.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 23 mentions in open access literature.

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

Zhang JF, et al. (2024) Acetylated tau exacerbates apoptosis by disturbing mitochondrial dynamics in HEK293 cells. Journal of neurochemistry, 168(3), 288.

Li CL, et al. (2024) STAU1 exhibits a dual function by promoting amyloidogenesis and tau phosphorylation in cultured cells. Experimental neurology, 377, 114805.

Li XH, et al. (2023) Death-associated protein kinase 1 is associated with cognitive dysfunction in major depressive disorder. Neural regeneration research, 18(8), 1795.

Batenburg KL, et al. (2023) Intraneuronal tau aggregation induces the integrated stress response in astrocytes. Journal of molecular cell biology, 14(10).

Chen Y, et al. (2023) Inhibition of mGluR5/PI3K-AKT Pathway Alleviates Alzheimer's Disease-Like Pathology Through the Activation of Autophagy in 5XFAD Mice. Journal of Alzheimer's disease : JAD, 91(3), 1197.

Kim J, et al. (2023) Evolutionarily conserved regulators of tau identify targets for new therapies. Neuron, 111(6), 824.

Festa BP, et al. (2023) Microglial-to-neuronal CCR5 signaling regulates autophagy in neurodegeneration. Neuron, 111(13), 2021.

Nguyen TTM, et al. (2023) Mitochondrial Bcl-xL promotes brain synaptogenesis by controlling non-lethal caspase activation. iScience, 26(5), 106674.

Romano LEL, et al. (2022) Multi-omic profiling reveals the ataxia protein sacsin is required for integrin trafficking and synaptic organization. Cell reports, 41(5), 111580.

Bai N, et al. (2022) Inhibition of SIRT2 promotes APP acetylation and ameliorates cognitive impairment in APP/PS1 transgenic mice. Cell reports, 40(2), 111062.

Shin MK, et al. (2021) Reducing acetylated tau is neuroprotective in brain injury. Cell, 184(10), 2715.

Fan W, et al. (2021) SIRT1 regulates sphingolipid metabolism and neural differentiation of mouse embryonic stem cells through c-Myc-SMPDL3B. eLife, 10.

Qu J, et al. (2020) Specific Knockdown of ?-Synuclein by Peptide-Directed Proteasome Degradation Rescued Its Associated Neurotoxicity. Cell chemical biology, 27(6), 751.

Chen X, et al. (2020) High-frequency transcranial magnetic stimulation protects APP/PS1 mice against Alzheimer's disease progress by reducing APOE and enhancing autophagy. Brain and behavior, 10(8), e01740.

Zheng J, et al. (2020) Interneuron Accumulation of Phosphorylated tau Impairs Adult Hippocampal Neurogenesis by Suppressing GABAergic Transmission. Cell stem cell, 26(3), 331.

He YX, et al. (2020) Zonisamide Ameliorates Cognitive Impairment by Inhibiting ER Stress in a Mouse Model of Type 2 Diabetes Mellitus. Frontiers in aging neuroscience, 12, 192.

Wang Y, et al. (2020) PCC0208009, an indirect IDO1 inhibitor, alleviates neuropathic pain and co-morbidities by regulating synaptic plasticity of ACC and amygdala. Biochemical pharmacology, 177, 113926.

Liou CJ, et al. (2019) Altered Brain Expression of Insulin and Insulin-Like Growth Factors in Frontotemporal Lobar Degeneration: Another Degenerative Disease Linked to Dysregulation of Insulin Metabolic Pathways. ASN neuro, 11, 1759091419839515.

Silva MC, et al. (2019) Targeted degradation of aberrant tau in frontotemporal dementia patient-derived neuronal cell models. eLife, 8.

Noori MS, et al. (2019) Identification of a novel selective and potent inhibitor of glycogen synthase kinase-3. American journal of physiology. Cell physiology, 317(6), C1289.