Resource Summary Report

Generated by PRECISE-TBI on Sep 4, 2026

Anti-Choline Acetyltransferase antibody [EPR13024(B)]

RRID:AB_2687983
Type: Antibody

Proper Citation

Abcam Cat# ab181023, RRID:AB_2687983

Antibody Information

URL: http://antibodyregistry.org/AB_2687983

Proper Citation: Abcam Cat# ab181023, RRID:AB_2687983

Target Antigen: Synthetic peptide (the amino acid sequence is considered to be commercially sensitive) within Human Choline Acetyltransferase aa 700 to the C-terminus. The exact sequence is proprietary.

Host Organism: rabbit

Clonality: monoclonal

Comments: Image validation available for WB, ICC/IF, Flow Cytometry, IP in MDS.

Antibody Name: Anti-Choline Acetyltransferase antibody [EPR13024(B)]

Description: This monoclonal targets Synthetic peptide (the amino acid sequence is considered to be commercially sensitive) within Human Choline Acetyltransferase aa 700 to the C-terminus. The exact sequence is proprietary.

Target Organism: rat, mouse, human

Clone ID: EPR13024(B)

Antibody ID: AB_2687983

Vendor: Abcam

Catalog Number: ab181023

Record Creation Time: 20231110T034039+0000

Record Last Update: 20260831T233215+0000

Ratings and Alerts

No rating or validation information has been found for Anti-Choline Acetyltransferase antibody [EPR13024(B)].

No alerts have been found for Anti-Choline Acetyltransferase antibody [EPR13024(B)].

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 12 mentions in open access literature.

Listed below are recent publications. The full list is available at PRECISE-TBI .

Wang P, et al. (2026) Transplantation of human neural stem cells repairs neural circuits and restores neurological function in the stroke-injured brain. Neural regeneration research, 21(3), 1162.

Luo T, et al. (2025) Establishing dorsal-ventral patterning in human neural tube organoids with synthetic organizers. Cell stem cell, 32(7), 1071.

Gong H, et al. (2025) Therapeutic potential of 5HT2CR in alleviating spasticity and pain via modulation of motor neurons and interneurons in spinal cord injury. iScience, 28(10), 113489.

Thakur B, et al. (2025) Comparative Analysis of Cholinergic Machinery in Carcinomas: Discovery of Membrane-Tethered ChAT as Evidence for Surface-Based ACh Synthesis in Neuroblastoma Cells. International journal of molecular sciences, 26(21).

Huang J, et al. (2024) Blockade of mesenteric and omental adipose tissue sensory neurons improves cardiac remodeling through sympathetic pathway. iScience, 27(7), 110245.

Wang J, et al. (2024) Cholinergic signaling via muscarinic M1 receptor confers resistance to docetaxel in prostate cancer. Cell reports. Medicine, 5(2), 101388.

Yang RY, et al. (2023) Knockdown of polypyrimidine tract binding protein facilitates motor function recovery after spinal cord injury. Neural regeneration research, 18(2), 396.

Zeng Q, et al. (2023) Spleen fibroblastic reticular cell-derived acetylcholine promotes lipid metabolism to drive autoreactive B cell responses. Cell metabolism, 35(5), 837.

Shen M, et al. (2023) Effects of Semaphorin3A on the growth of sensory and motor neurons. Experimental cell research, 424(2), 113506.

Rajkumar S, et al. (2023) Fast and efficient synaptosome isolation and post-synaptic density enrichment from hiPSC-motor neurons by biochemical sub-cellular fractionation.

STAR protocols, 4(1), 102061.

He QR, et al. (2022) Peripheral nerve fibroblasts secrete neurotrophic factors to promote axon growth of motoneurons. Neural regeneration research, 17(8), 1833.

Jo BG, et al. (2020) Vagal afferent fibers contribute to the anti-inflammatory reactions by vagus nerve stimulation in concanavalin A model of hepatitis in rats. Molecular medicine (Cambridge, Mass.), 26(1), 119.