Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 10, 2025

choline acetyltransferase antibody - Salvaterra, P.M.; Beckman Research Institute, City of Hope

RRID:AB_528122
Type: Antibody

Proper Citation

(DSHB Cat# ChAT4B1, RRID:AB_528122)

Antibody Information

URL: http://antibodyregistry.org/AB_528122

Proper Citation: (DSHB Cat# ChAT4B1, RRID:AB_528122)

Target Antigen: choline acetyltransferase

Host Organism: mouse

Clonality: monoclonal

Comments:
Application(s):
ELISA,FFPE,Immunofluorescence,Immunohistochemistry,Immunoprecipitation,Western Blot;
Date Deposited: 09/06/2002

Antibody Name: choline acetyltransferase antibody - Salvaterra, P.M.; Beckman Research Institute, City of Hope

Description: This monoclonal targets choline acetyltransferase

Target Organism: Drosophila, Manduca sexta

Defining Citation: PMID:27684367, PMID:10402468, PMID:11920702, PMID:20505124, PMID:8815444, PMID:21120933, PMID:12097480, PMID:26234537, PMID:8565051, PMID:17443825, PMID:15719247, PMID:22237598, PMID:18464935, PMID:25678036, PMID:12373781, PMID:23149077, PMID:24183945, PMID:17289577, PMID:15514997, PMID:24752702

Antibody ID: AB_528122

Vendor: DSHB

Catalog Number: ChAT4B1

Record Creation Time: 20231110T042047+0000

Record Last Update: 20241115T065240+0000

Ratings and Alerts

No rating or validation information has been found for choline acetyltransferase antibody - Salvaterra, P.M.; Beckman Research Institute, City of Hope.

No alerts have been found for choline acetyltransferase antibody - Salvaterra, P.M.; Beckman Research Institute, City of Hope.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 56 mentions in open access literature.

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

Zhu J, et al. (2024) Feedback inhibition by a descending GABAergic neuron regulates timing of escape behavior in Drosophila larvae. eLife, 13.

Sun J, et al. (2024) A neurotrophin functioning with a Toll regulates structural plasticity in a dopaminergic circuit. eLife, 13.

Nguyen TH, et al. (2024) scRNA-seq data from the larval Drosophila ventral cord provides a resource for studying motor systems function and development. Developmental cell, 59(9), 1210.

Ahmed M, et al. (2023) Input density tunes Kenyon cell sensory responses in the Drosophila mushroom body. Current biology : CB, 33(13), 2742.

Taisz I, et al. (2023) Generating parallel representations of position and identity in the olfactory system. Cell, 186(12), 2556.

Kümmerlen K, et al. (2023) Neurochemical diversity in the central olfactory pathway of the crustacean Parhyale hawaiensis (Amphipoda): evolutionary implications. The Journal of

comparative neurology, 531(10), 1032.

Li K, et al. (2023) Belly roll, a GPI-anchored Ly6 protein, regulates Drosophila melanogaster escape behaviors by modulating the excitability of nociceptive peptidergic interneurons. eLife, 12.

Marques GS, et al. (2023) Asynchronous transcription and translation of neurotransmitter-related genes characterize the initial stages of neuronal maturation in Drosophila. PLoS biology, 21(5), e3002115.

Duan W, et al. (2023) A Visual Pathway into Central Complex for High-Frequency Motion-Defined Bars in Drosophila. The Journal of neuroscience : the official journal of the Society for Neuroscience, 43(26), 4821.

Mabuchi Y, et al. (2023) Visual feedback neurons fine-tune Drosophila male courtship via GABA-mediated inhibition. Current biology : CB, 33(18), 3896.

Zhao Y, et al. (2022) Identification of a GABAergic neuroblast lineage modulating sweet and bitter taste sensitivity. Current biology : CB, 32(24), 5354.

Ho MCW, et al. (2022) Sleep need-dependent changes in functional connectivity facilitate transmission of homeostatic sleep drive. Current biology : CB, 32(22), 4957.

Chockley AS, et al. (2022) Subsets of leg proprioceptors influence leg kinematics but not interleg coordination in Drosophila melanogaster walking. The Journal of experimental biology, 225(20).

Ikeda K, et al. (2022) Nonsynaptic Transmission Mediates Light Context-Dependent Odor Responses in Drosophila melanogaster. The Journal of neuroscience : the official journal of the Society for Neuroscience, 42(46), 8621.

Jin X, et al. (2021) A subset of DN1p neurons integrates thermosensory inputs to promote wakefulness via CNMa signaling. Current biology : CB, 31(10), 2075.

Yuan D, et al. (2021) Lamina feedback neurons regulate the bandpass property of the flicker-induced orientation response in Drosophila. Journal of neurochemistry, 156(1), 59.

Tanaka NK, et al. (2021) A Sexually Dimorphic Olfactory Neuron Mediates Fixed Action Transition during Courtship Ritual in Drosophila melanogaster. The Journal of neuroscience : the official journal of the Society for Neuroscience, 41(47), 9732.

Kohrs FE, et al. (2021) Systematic functional analysis of rab GTPases reveals limits of neuronal robustness to environmental challenges in flies. eLife, 10.

Zeng X, et al. (2021) An electrically coupled pioneer circuit enables motor development via proprioceptive feedback in Drosophila embryos. Current biology : CB, 31(23), 5327.

Hiramoto A, et al. (2021) Regulation of coordinated muscular relaxation in Drosophila larvae by a pattern-regulating intersegmental circuit. Nature communications, 12(1), 2943.