Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 6, 2025

ATPase, (Na (+) K(+)) alpha subunit antibody - Fambrough, D.M.; The Johns Hopkins University

RRID:AB_2166869
Type: Antibody

Proper Citation

(DSHB Cat# a5, RRID:AB_2166869)

Antibody Information

URL: http://antibodyregistry.org/AB_2166869

Proper Citation: (DSHB Cat# a5, RRID:AB_2166869)

Target Antigen: ATPase, (Na (+) K(+)) alpha subunit

Host Organism: mouse

Clonality: monoclonal

Comments: Application(s): FFPE,Immunofluorescence,Immunohistochemistry,Immunoprecipitation,Western Blot; Date Deposited: 10/10/1990

Antibody Name: ATPase, (Na (+) K(+)) alpha subunit antibody - Fambrough, D.M.; The Johns Hopkins University

Description: This monoclonal targets ATPase, (Na (+) K(+)) alpha subunit

Target Organism: honeybee, avian, mosquito, frog, mammal, fish, insect, human

Defining Citation: PMID:2540956, PMID:15345243, PMID:22446737, PMID:22251674, PMID:20551175, PMID:22354172, PMID:27210106, PMID:23383199, PMID:27683239, PMID:17981859, PMID:29176723, PMID:17486097, PMID:26944496, PMID:24805086, PMID:23626758, PMID:17114398

Antibody ID: AB_2166869

Vendor: DSHB

Catalog Number: a5

Record Creation Time: 20241016T231451+0000

Record Last Update: 20241017T001908+0000

Ratings and Alerts

No rating or validation information has been found for ATPase, (Na (+) K(+)) alpha subunit antibody - Fambrough, D.M.; The Johns Hopkins University.

No alerts have been found for ATPase, (Na (+) K(+)) alpha subunit antibody - Fambrough, D.M.; The Johns Hopkins University.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 32 mentions in open access literature.

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

Robert SM, et al. (2023) The choroid plexus links innate immunity to CSF dysregulation in hydrocephalus. Cell, 186(4), 764.

Kaneshiro N, et al. (2022) Lipid flippase dysfunction as a therapeutic target for endosomal anomalies in Alzheimer's disease. iScience, 25(3), 103869.

Mohammadi S, et al. (2022) Epistatic Effects Between Amino Acid Insertions and Substitutions Mediate Toxin resistance of Vertebrate Na+,K+-ATPases. Molecular biology and evolution, 39(12).

Lambert E, et al. (2022) The Alzheimer susceptibility gene BIN1 induces isoform-dependent neurotoxicity through early endosome defects. Acta neuropathologica communications, 10(1), 4.

Taguchi K, et al. (2022) Cyclin G1 induces maladaptive proximal tubule cell dedifferentiation and renal fibrosis through CDK5 activation. The Journal of clinical investigation, 132(23).

Carnazza KE, et al. (2022) Synaptic vesicle binding of ?-synuclein is modulated by ?- and ?-synucleins. Cell reports, 39(2), 110675.

Mohammadi S, et al. (2021) Concerted evolution reveals co-adapted amino acid substitutions in Na+K+-ATPase of frogs that prey on toxic toads. Current biology : CB, 31(12), 2530.

Barany A, et al. (2021) Corticosteroid control of Na+/K+-ATPase in the intestine of the sea lamprey (Petromyzon marinus). General and comparative endocrinology, 307, 113756.

Tzou FY, et al. (2021) Dihydroceramide desaturase regulates the compartmentalization of Rac1 for neuronal oxidative stress. Cell reports, 35(2), 108972.

Peloggia J, et al. (2021) Adaptive cell invasion maintains lateral line organ homeostasis in response to environmental changes. Developmental cell, 56(9), 1296.

Taguchi K, et al. (2021) Quantitative super-resolution microscopy reveals promoting mitochondrial interconnectivity protects against AKI. Kidney360, 2(12), 1892.

Shaughnessy CA, et al. (2020) 11-Deoxycortisol controls hydromineral balance in the most basal osmoregulating vertebrate, sea lamprey (Petromyzon marinus). Scientific reports, 10(1), 12148.

Gu Q, et al. (2020) G?q splice variants mediate phototransduction, rhodopsin synthesis, and retinal integrity in Drosophila. The Journal of biological chemistry, 295(17), 5554.

Park J, et al. (2019) Lysosome-Rich Enterocytes Mediate Protein Absorption in the Vertebrate Gut. Developmental cell, 51(1), 7.

Ropelewski P, et al. (2019) Disrupted Plasma Membrane Protein Homeostasis in a Xenopus Laevis Model of Retinitis Pigmentosa. The Journal of neuroscience : the official journal of the Society for Neuroscience, 39(28), 5581.

West RJH, et al. (2018) Sphingolipids regulate neuromuscular synapse structure and function in Drosophila. The Journal of comparative neurology, 526(13), 1995.

Rohacek AM, et al. (2017) ESRP1 Mutations Cause Hearing Loss due to Defects in Alternative Splicing that Disrupt Cochlear Development. Developmental cell, 43(3), 318.

Lin CH, et al. (2017) Molecular Physiology of the Hypocalcemic Action of Fibroblast Growth Factor 23 in Zebrafish (Danio rerio). Endocrinology, 158(5), 1347.

Hope KA, et al. (2017) Glial overexpression of Dube3a causes seizures and synaptic impairments in Drosophila concomitant with down regulation of the Na+/K+ pump ATP?. Neurobiology of disease, 108, 238.

Chasiotis H, et al. (2016) An animal homolog of plant Mep/Amt transporters promotes ammonia excretion by the anal papillae of the disease vector mosquito Aedes aegypti. The Journal of experimental biology, 219(Pt 9), 1346.