

Resource Summary Report

Generated by [dkNET](#) on Apr 25, 2025

alpha 1 Sodium Potassium ATPase antibody [464.6] - Plasma Membrane Marker

RRID:AB_306023

Type: Antibody

Proper Citation

(Abcam Cat# ab7671, RRID:AB_306023)

Antibody Information

URL: http://antibodyregistry.org/AB_306023

Proper Citation: (Abcam Cat# ab7671, RRID:AB_306023)

Target Antigen: alpha 1 Sodium Potassium ATPase antibody [464.6] - Plasma Membrane Marker

Host Organism: mouse

Clonality: monoclonal

Comments: validation status unknown, seller recommendations provided in 2012: Western Blot; Immunohistochemistry; Flow Cytometry; Immunofluorescence; Immunocytochemistry; Immunohistochemistry - fixed; Flow Cyt, ICC/IF, IHC-P, WB

Antibody Name: alpha 1 Sodium Potassium ATPase antibody [464.6] - Plasma Membrane Marker

Description: This monoclonal targets alpha 1 Sodium Potassium ATPase antibody [464.6] - Plasma Membrane Marker

Target Organism: monkey, rat, xenopusamphibian, porcine, canine, pig, mouse, rabbit, human, dog, sheep

Defining Citation: [PMID:21192076](#)

Antibody ID: AB_306023

Vendor: Abcam

Catalog Number: ab7671

Record Creation Time: 20241017T002139+0000

Record Last Update: 20241017T020449+0000

Ratings and Alerts

No rating or validation information has been found for alpha 1 Sodium Potassium ATPase antibody [464.6] - Plasma Membrane Marker.

No alerts have been found for alpha 1 Sodium Potassium ATPase antibody [464.6] - Plasma Membrane Marker.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 45 mentions in open access literature.

Listed below are recent publications. The full list is available at [dkNET](#).

Blades B, et al. (2024) Impaired cellular copper regulation in the presence of ApoE4. Journal of neurochemistry, 168(9), 3284.

Nakamura Y, et al. (2024) Modulation of prostaglandin transport activity of SLCO2A1 by annexin A2 and S100A10. American journal of physiology. Cell physiology, 326(4), C1042.

Iamshanova O, et al. (2024) The dispensability of 14-3-3 proteins for the regulation of human cardiac sodium channel Nav1.5. PloS one, 19(3), e0298820.

Xu W, et al. (2024) Ceramide synthesis inhibitors prevent lipid-induced insulin resistance through the DAG-PKC?-insulin receptorT1150 phosphorylation pathway. Cell reports, 43(10), 114746.

Kaur M, et al. (2024) Noradrenaline enhances Na-K ATPase subunit expression by HuR-induced mRNA stabilization and their transportation to the cell surface through PLC and PKC mediated pathway: Implications with REMS-loss associated disorders. Journal of neurochemistry, 168(9), 2561.

Sun Y, et al. (2023) Patient-specific iPSC-derived cardiomyocytes reveal variable phenotypic severity of Brugada syndrome. *EBioMedicine*, 95, 104741.

Mazucanti CH, et al. (2023) AAV5-mediated manipulation of insulin expression in choroid plexus has long-term metabolic and behavioral consequences. *Cell reports*, 42(8), 112903.

Song SH, et al. (2023) Different mechanisms of synapsin-induced vesicle clustering at inhibitory and excitatory synapses. *Cell reports*, 42(8), 113004.

Pan C, et al. (2023) Hepatocyte CHRNA4 mediates the MASH-promotive effects of immune cell-produced acetylcholine and smoking exposure in mice and humans. *Cell metabolism*, 35(12), 2231.

Wu Z, et al. (2023) CLMP is a tumor suppressor that determines all-trans retinoic acid response in colorectal cancer. *Developmental cell*, 58(23), 2684.

Kaur N, et al. (2023) FGF21/FGFR1- β -KL cascade in cardiomyocytes modulates angiogenesis and inflammation under metabolic stress. *Heliyon*, 9(4), e14952.

Dubrovsky L, et al. (2022) Extracellular vesicles carrying HIV-1 Nef induce long-term hyperreactivity of myeloid cells. *Cell reports*, 41(8), 111674.

Chan ES, et al. (2022) Allosteric potentiation of GABAA receptor single-channel conductance by netrin-1 during neuronal-excitation-induced inhibitory synaptic homeostasis. *Cell reports*, 41(5), 111584.

Gandini MA, et al. (2022) Regulation of CaV3.2 channels by the receptor for activated C kinase 1 (Rack-1). *Pflügers Archiv : European journal of physiology*, 474(4), 447.

Gross I, et al. (2022) Plasticity-Related Gene 5 Is Expressed in a Late Phase of Neurodifferentiation After Neuronal Cell-Fate Determination. *Frontiers in cellular neuroscience*, 16, 797588.

Ge X, et al. (2022) Fumarate inhibits PTEN to promote tumorigenesis and therapeutic resistance of type2 papillary renal cell carcinoma. *Molecular cell*, 82(7), 1249.

Rai D, et al. (2021) Involvement of the C-terminal domain in cell surface localization and G-protein coupling of mGluR6. *Journal of neurochemistry*, 158(4), 837.

Gartling GJ, et al. (2021) A Comparison of the Localization of Integral Membrane Proteins in Human and Rabbit Vocal Folds. *The Laryngoscope*, 131(4), E1265.

Tan Y, et al. (2021) Somatic Epigenetic Silencing of RIPK3 Inactivates Necroptosis and Contributes to Chemoresistance in Malignant Mesothelioma. *Clinical cancer research : an official journal of the American Association for Cancer Research*, 27(4), 1200.

Bondada V, et al. (2021) The C2 domain of calpain 5 contributes to enzyme activation and membrane localization. *Biochimica et biophysica acta. Molecular cell research*, 1868(7), 119019.