

Resource Summary Report

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ABCA1 Antibody - BSA Free

RRID:AB_10000630

Type: Antibody

Proper Citation

Novus Cat# NB400-105, RRID:AB_10000630

Antibody Information

URL: http://antibodyregistry.org/AB_10000630

Proper Citation: Novus Cat# NB400-105, RRID:AB_10000630

Target Antigen: ABCA1

Host Organism: Rabbit

Clonality: polyclonal

Comments: Applications: Western Blot, Simple Western, Chromatin Immunoprecipitation, Flow Cytometry, ELISA, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunoprecipitation, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen, Immunoblotting, Gel Super Shift Assays, Gel Supershift Assay, Chromatin Immunoprecipitation (ChIP), Knockout Validated, Knockdown Validated, Block/Neutralize, PCR, Dual RNAscope ISH-IHC

Antibody Name: ABCA1 Antibody - BSA Free

Description: This polyclonal targets ABCA1

Target Organism: Human, Porcine, Rat, Mustelid, Rabbit, Canine, Mouse, Primate, Chicken, Equine, Chinese Hamster, Hamster

Antibody ID: AB_10000630

Vendor: Novus

Catalog Number: NB400-105

Alternative Catalog Numbers: NB400-105SS

Record Creation Time: 20250820T025737+0000

Record Last Update: 20250820T145815+0000

Ratings and Alerts

- Independent validation by the NYU Lagone was performed for: IHC. This antibody was found to have the following characteristics: Functional in human:FALSE, NonFunctional in human:FALSE, Functional in animal:FALSE, NonFunctional in animal:FALSE - NYU Langone's Center for Biospecimen Research and Development <https://med.nyu.edu/research/scientific-cores-shared-resources/center-biospecimen-research-development>

No alerts have been found for ABCA1 Antibody - BSA Free.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 16 mentions in open access literature.

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

Fabiano M, et al. (2024) Presenilin Deficiency Results in Cellular Cholesterol Accumulation by Impairment of Protein Glycosylation and NPC1 Function. International journal of molecular sciences, 25(10).

Tsaousidou E, et al. (2024) Endogenous p53 inhibitor TIRR dissociates systemic metabolic health from oncogenic activity. Cell reports, 43(6), 114337.

Carneiro de Oliveira K, et al. (2024) Tubular deficiency of ABCA1 augments cholesterol- and Na⁺-dependent effects on systemic blood pressure in male mice. American journal of physiology. Renal physiology, 326(2), F265.

Xue C, et al. (2024) Nogo-B inhibition facilitates cholesterol metabolism to reduce hypercholesterolemia. Cell reports, 43(9), 114691.

Balamurugan K, et al. (2022) PHLPP1 promotes neutral lipid accumulation through AMPK/ChREBP-dependent lipid uptake and fatty acid synthesis pathways. iScience, 25(2), 103766.

Ma C, et al. (2022) Calycosin ameliorates atherosclerosis by enhancing autophagy via regulating the interaction between KLF2 and MLKL in apolipoprotein E gene-deleted mice. British journal of pharmacology, 179(2), 252.

Ma C, et al. (2021) Targeting macrophage liver X receptors by hydrogel-encapsulated T0901317 reduces atherosclerosis without effect on hepatic lipogenesis. British journal of pharmacology, 178(7), 1620.

Navia-Pelaez JM, et al. (2021) Normalization of cholesterol metabolism in spinal microglia alleviates neuropathic pain. The Journal of experimental medicine, 218(7).

Du Y, et al. (2020) Butyrate protects against high-fat diet-induced atherosclerosis via up-regulating ABCA1 expression in apolipoprotein E-deficiency mice. *British journal of pharmacology*, 177(8), 1754.

Fu Y, et al. (2020) Elevation of JAML Promotes Diabetic Kidney Disease by Modulating Podocyte Lipid Metabolism. *Cell metabolism*, 32(6), 1052.

Moon SH, et al. (2019) p53 Represses the Mevalonate Pathway to Mediate Tumor Suppression. *Cell*, 176(3), 564.

Zhou Y, et al. (2019) PMP22 Regulates Cholesterol Trafficking and ABCA1-Mediated Cholesterol Efflux. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 39(27), 5404.

Storti F, et al. (2019) Impaired ABCA1/ABCG1-mediated lipid efflux in the mouse retinal pigment epithelium (RPE) leads to retinal degeneration. *eLife*, 8.

Chernick D, et al. (2018) High-density lipoprotein mimetic peptide 4F mitigates amyloid- β -induced inhibition of apolipoprotein E secretion and lipidation in primary astrocytes and microglia. *Journal of neurochemistry*, 147(5), 647.

Widenmaier SB, et al. (2017) NRF1 Is an ER Membrane Sensor that Is Central to Cholesterol Homeostasis. *Cell*, 171(5), 1094.

Cermak S, et al. (2016) Loss of Cathepsin B and L Leads to Lysosomal Dysfunction, NPC-Like Cholesterol Sequestration and Accumulation of the Key Alzheimer's Proteins. *PloS one*, 11(11), e0167428.