

Resource Summary Report

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Anti-Vesicular Nucleotide Transporter (VNUT)

RRID:AB_2868445

Type: Antibody

Proper Citation

Sigma-Aldrich Cat# ABN83, RRID:AB_2868445

Antibody Information

URL: http://antibodyregistry.org/AB_2868445

Proper Citation: Sigma-Aldrich Cat# ABN83, RRID:AB_2868445

Target Antigen: VNUT

Host Organism: guinea pig

Clonality: polyclonal

Comments: Applications: WB, IF

Antibody Name: Anti-Vesicular Nucleotide Transporter (VNUT)

Description: This polyclonal targets VNUT

Target Organism: rat, mouse

Antibody ID: AB_2868445

Vendor: Sigma-Aldrich

Catalog Number: ABN83

Record Creation Time: 20250820T052602+0000

Record Last Update: 20250820T213323+0000

Ratings and Alerts

No rating or validation information has been found for Anti-Vesicular Nucleotide Transporter (VNUT).

No alerts have been found for Anti-Vesicular Nucleotide Transporter (VNUT).

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 9 mentions in open access literature.

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

Saito H, et al. (2025) Immunohistochemical distribution of extracellular signal-regulated kinase 1 and 2 (ERK1/2) in the rat carotid body. *Tissue & cell*, 99, 103247.

Yokoyama T, et al. (2024) Immunohistochemical localization of P2Y12 purinoceptors in the rat carotid body. *Autonomic neuroscience : basic & clinical*, 252, 103158.

Maesawa S, et al. (2024) ADP-mediated Modulation of Intracellular Calcium Responses in Chromaffin Cells: The Role of Ectonucleoside Triphosphate Diphosphohydrolase 2 on Rat Adrenal Medulla Function. *The journal of histochemistry and cytochemistry : official journal of the Histochemistry Society*, 72(1), 41.

Murakami Y, et al. (2024) Three-Dimensional Ultrastructure of Flower-Spray Nerve Endings in the Rat Carotid Sinus. *The Journal of comparative neurology*, 532(7), e25654.

Inoue N, et al. (2023) Hindbrain Adenosine 5-Triphosphate (ATP)-Purinergic Signaling Triggers LH Surge and Ovulation via Activation of AVPV Kisspeptin Neurons in Rats. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 43(12), 2140.

Saito H, et al. (2023) Immunohistochemical distribution of Ca²⁺/calmodulin-dependent protein kinase II subunits in the rat carotid body. *Acta histochemica*, 125(4), 152043.

Yokoyama T, et al. (2022) Immunohistochemical localization of vesicular nucleotide transporter in small intensely fluorescent (SIF) cells of the rat superior cervical ganglion. *Tissue & cell*, 79, 101924.

Yu W, et al. (2022) Pulmonary neuroendocrine cells sense succinate to stimulate myoepithelial cell contraction. *Developmental cell*, 57(18), 2221.

Hirakawa M, et al. (2021) Morphology of P2X3-immunoreactive basket-like afferent nerve endings surrounding serosal ganglia and close relationship with vesicular nucleotide transporter-immunoreactive nerve fibers in the rat gastric antrum. *The Journal of comparative neurology*, 529(18), 3866.