

Resource Summary Report

Generated by [RRID](#) on Aug 13, 2026

ADAM10 antibody

RRID:AB_302747

Type: Antibody

Proper Citation

Abcam Cat# ab1997, RRID:AB_302747

Antibody Information

URL: http://antibodyregistry.org/AB_302747

Proper Citation: Abcam Cat# ab1997, RRID:AB_302747

Target Antigen: ADAM10 antibody

Host Organism: rabbit

Clonality: polyclonal

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

Antibody Name: ADAM10 antibody

Description: This polyclonal targets ADAM10 antibody

Target Organism: mouse, human

Antibody ID: AB_302747

Vendor: Abcam

Catalog Number: ab1997

Record Creation Time: 20250820T011049+0000

Record Last Update: 20250820T101434+0000

Ratings and Alerts

No rating or validation information has been found for ADAM10 antibody.

No alerts have been found for ADAM10 antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 17 mentions in open access literature.

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

Lahme K, et al. (2026) Autoantibody-triggered podocyte membrane budding drives autoimmune kidney disease. *Cell*, 189(1), 123.

Tang JY, et al. (2026) Hepatic expression of APOE3 Christchurch mitigates APOE4-related Alzheimer's disease pathologies in mice. *Neuron*.

Yu ZY, et al. (2025) Roles of blood monocytes carrying TREM2R47H mutation in pathogenesis of Alzheimer's disease and its therapeutic potential in APP/PS1 mice. *Alzheimer's & dementia : the journal of the Alzheimer's Association*, 21(2), e14402.

Bi D, et al. (2025) BACE1-dependent cleavage of GABAA receptor contributes to neural hyperexcitability and disease progression in Alzheimer's disease. *Neuron*, 113(7), 1051.

Li CL, et al. (2024) STAU1 exhibits a dual function by promoting amyloidogenesis and tau phosphorylation in cultured cells. *Experimental neurology*, 377, 114805.

Bär J, et al. (2024) Non-canonical function of ADAM10 in presynaptic plasticity. *Cellular and molecular life sciences : CMLS*, 81(1), 342.

Son Y, et al. (2023) Long-term radiofrequency electromagnetic fields exposure attenuates cognitive dysfunction in 5×FAD mice by regulating microglial function. *Neural regeneration research*, 18(11), 2497.

Luo YP, et al. (2022) Anodal transcranial direct current stimulation alleviates cognitive impairment in an APP/PS1 model of Alzheimer's disease in the preclinical stage. *Neural regeneration research*, 17(10), 2278.

Yu ZY, et al. (2022) Inhibiting α 1-adrenergic receptor signaling pathway ameliorates AD-type pathologies and behavioral deficits in APPswe/PS1 mouse model. *Journal of neurochemistry*, 161(3), 293.

Mattila SO, et al. (2021) GPR37 is processed in the N-terminal ectodomain by ADAM10 and furin. *FASEB journal : official publication of the Federation of American Societies for Experimental Biology*, 35(6), e21654.

Zhong BR, et al. (2021) TUFM is involved in Alzheimer's disease-like pathologies that are associated with ROS. *FASEB journal : official publication of the Federation of American Societies for Experimental Biology*, 35(5), e21445.

Li B, et al. (2020) ADAM10 mediates ectopic proximal tubule development and renal fibrosis through Notch signalling. *The Journal of pathology*, 252(3), 274.

Rose C, et al. (2018) Transient increase in sAPP γ secretion in response to A β 1-42 oligomers: an attempt of neuronal self-defense? *Neurobiology of aging*, 61, 23.

Stern AL, et al. (2018) BACE1 Mediates HIV-Associated and Excitotoxic Neuronal Damage Through an APP-Dependent Mechanism. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 38(18), 4288.

Agrawal P, et al. (2017) A Systems Biology Approach Identifies FUT8 as a Driver of Melanoma Metastasis. *Cancer cell*, 31(6), 804.

Grieve AG, et al. (2017) Phosphorylation of iRhom2 at the plasma membrane controls mammalian TACE-dependent inflammatory and growth factor signalling. *eLife*, 6.

Cui H, et al. (2017) Peripheral treatment with enoxaparin exacerbates amyloid plaque pathology in Tg2576 mice. *Journal of neuroscience research*, 95(4), 992.