

Resource Summary Report

Generated by [dkNET](#) on Sep 10, 2026

Rabbit Anti-Collagen IV Polyclonal Antibody, Unconjugated

RRID:AB_305584

Type: Antibody

Proper Citation

Abcam Cat# ab6586, RRID:AB_305584

Antibody Information

URL: http://antibodyregistry.org/AB_305584

Proper Citation: Abcam Cat# ab6586, RRID:AB_305584

Target Antigen: Collagen IV

Host Organism: rabbit

Clonality: polyclonal

Comments: Applications: ELISA; Immunohistochemistry; Immunoprecipitation; Other; Western Blot; ELISA, Immunohistochemistry-FoFr, Immunohistochemistry-Fr, Immunohistochemistry-P, Immunoprecipitation, Western Blot
Info: Used by Czech Centre for Phenogenomics

Antibody Name: Rabbit Anti-Collagen IV Polyclonal Antibody, Unconjugated

Description: This polyclonal targets Collagen IV

Target Organism: all

Antibody ID: AB_305584

Vendor: Abcam

Catalog Number: ab6586

Record Creation Time: 20231110T045005+0000

Record Last Update: 20260831T203742+0000

Ratings and Alerts

- Used by Czech Centre for Phenogenomics - Czech Centre for Phenogenomics
<https://www.phenogenomics.cz/>

No alerts have been found for Rabbit Anti-Collagen IV Polyclonal Antibody, Unconjugated.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 107 mentions in open access literature.

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

Wang Y, et al. (2026) A blood-brain barrier-like vascular gate limits immunotherapy efficacy in neuroendocrine cancers. *Cell*, 189(13), 3922.

Raguin J, et al. (2026) Human cerebral organoids with microglia and vasculature model glioma stem cell interactions and radiotherapy response. *Cell reports methods*, 6(6), 101425.

Gama Sosa MA, et al. (2026) Atherogenic-like lesions associated with a progressive chronic vascular degeneration in a rat model of repetitive low-level blast brain injury. *Journal of neuropathology and experimental neurology*.

Fang C, et al. (2026) TGF- β 1-induced endothelial transcytosis drives blood-brain barrier leakage during aging. *Neuron*.

Paul M, et al. (2026) Clopidogrel Administration Impairs Neurovascular Unit Recovery and Exacerbates Amyloid Beta Accumulation in Aged Mice Post-Stroke. *International journal of molecular sciences*, 27(6).

Rajeeth K, et al. (2026) Pharmacological activation of NO-cGMP signalling attenuates metabolic dysfunction-associated steatohepatitis. *British journal of pharmacology*.

Liu Y, et al. (2026) Cellular expression domains of type 3 deiodinase in the meninges, choroid plexus, tanocytes and barrier tissues of the brain. *Frontiers in endocrinology*, 17, 1789738.

Karmali N, et al. (2026) Single-cell RNA profiling of oligodendroglial lineage cells derived from iPSCs carrying Parkinson's disease-relevant LRRK2-G2019S mutation. *iScience*, 29(7), 116368.

Schaeffer SM, et al. (2025) Hypertension-induced neurovascular and cognitive dysfunction at single-cell resolution. *Neuron*.

Yang Y, et al. (2025) A spatiotemporal and machine-learning platform facilitates the manufacturing of hPSC-derived esophageal mucosa. *Developmental cell*, 60(9), 1359.

Jeon MT, et al. (2025) TNF- α -NF- κ B activation through pathological α -Synuclein disrupts the BBB and exacerbates axonopathy. *Cell reports*, 44(7), 116001.

Huang Z, et al. (2025) Lipocalin-2 regulates astrocyte-oligodendrocyte interaction to drive post-stroke secondary demyelination. *Cell reports*, 44(7), 115899.

Zuo Y, et al. (2025) Monocyte-derived cells promote transient insult-induced brain injury by enhancing CD8⁺ T cell response. *Cell reports*, 44(11), 116528.

Kim SH, et al. (2025) IL-10 sensing by lung interstitial macrophages prevents bacterial dysbiosis-driven pulmonary inflammation and maintains immune homeostasis. *Immunity*, 58(5), 1306.

Svobodová B, et al. (2025) Collagen VII Is Associated with Airway Remodeling, Honeycombing, and Fibroblast Foci in Usual Interstitial Pneumonia/Idiopathic Pulmonary Fibrosis. *The American journal of pathology*, 195(8), 1467.

Cao Y, et al. (2025) Structural changes in cerebral microvasculature induced by ferroptosis contribute to blood-brain barrier disruption in Alzheimer's disease: an autopsy study. *Alzheimer's & dementia : the journal of the Alzheimer's Association*, 21(4), e70103.

Lee SY, et al. (2025) A Novel Mechanism of the p53 Isoform γ 40p53 in Regulating Collagen III Expression in TGF β 1-Induced LX-2 Human Hepatic Stellate Cells. *FASEB journal : official publication of the Federation of American Societies for Experimental Biology*, 39(8), e70541.

Barlow GL, et al. (2025) The extra-islet pancreas supports autoimmunity in human type 1 diabetes. *eLife*, 13.

Gong L, et al. (2025) Rapid generation of functional vascular organoids via simultaneous transcription factor activation of endothelial and mural lineages. *Cell stem cell*, 32(8), 1200.

Gama Sosa MA, et al. (2025) Intramural hematomas and astrocytic infiltration precede perivascular inflammation in a rat model of repetitive low-level blast injury. *Journal of neuropathology and experimental neurology*, 84(4), 337.