

Resource Summary Report

Generated by [RRID](#) on Sep 8, 2026

Calponin antibody [EP798Y]

RRID:AB_2291941

Type: Antibody

Proper Citation

Abcam Cat# ab46794, RRID:AB_2291941

Antibody Information

URL: http://antibodyregistry.org/AB_2291941

Proper Citation: Abcam Cat# ab46794, RRID:AB_2291941

Target Antigen: CNN1

Host Organism: rabbit

Clonality: monoclonal

Comments: validation status unknown, seller recommendations provided in 2012:western blot, immunohistochemistry, immunocytochemistry

Antibody Name: Calponin antibody [EP798Y]

Description: This monoclonal targets CNN1

Target Organism: mouse, dog, human

Clone ID: EP798Y

Antibody ID: AB_2291941

Vendor: Abcam

Catalog Number: ab46794

Record Creation Time: 20231110T045243+0000

Record Last Update: 20260831T235706+0000

Ratings and Alerts

No rating or validation information has been found for Calponin antibody [EP798Y].

No alerts have been found for Calponin antibody [EP798Y].

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 29 mentions in open access literature.

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

He B, et al. (2026) Mitigating xenogeneic barriers to chimerism through Cas13-induced host attenuation. *Developmental cell*, 61(3), 676.

Lu Y, et al. (2026) Smooth muscle cells transiently acquire a CD34+ progenitor state upon injury to drive pathological vascular remodeling. *Cell stem cell*, 33(6), 964.

Simões HA, et al. (2026) Porcine submandibular glands as potential salivary gland experimental models: histological, immunohistochemical, and ultrastructural characterization. *Journal of molecular histology*, 57(4).

Zhu S, et al. (2026) Targeting cytokine-like protein FAM3D alleviates atherosclerosis. *Cell reports. Medicine*, 7(7), 102908.

Lu Z, et al. (2025) Cardiac mural cells are rate-limiting for coronary vascularization after heart injury. *iScience*, 28(10), 113536.

Zawieja SD, et al. (2025) Cellular characterization of the mouse collecting lymphatic vessels reveals that lymphatic muscle cells are the innate pacemaker cells. *eLife*, 12.

Huang W, et al. (2025) Deficiency of fibroblast growth factor 2 promotes contractile phenotype of pericytes in ascending thoracic aortic aneurysm. *American journal of physiology. Heart and circulatory physiology*, 328(5), H1130.

Sanhueza-Olivares F, et al. (2025) Vascular remodelling in a mouse model of heart failure with preserved ejection fraction. *The Journal of physiology*.

Zhang C, et al. (2023) BRPF1 bridges H3K4me3 and H3K23ac in human embryonic stem cells and is essential to pluripotency. *iScience*, 26(2), 105939.

Hu M, et al. (2023) Defective Uterine Spiral Artery Remodeling and Placental Senescence in a Pregnant Rat Model of Polycystic Ovary Syndrome. *The American journal of pathology*, 193(12), 1916.

Zhu X, et al. (2023) Acetate controls endothelial-to-mesenchymal transition. *Cell metabolism*, 35(7), 1163.

Bharadhwaj RA, et al. (2023) Long noncoding RNA TUG1 regulates smooth muscle cell differentiation via KLF4-myocardin axis. *American journal of physiology. Cell physiology*, 325(4), C940.

He Y, et al. (2023) BACH1 regulates the differentiation of vascular smooth muscle cells from human embryonic stem cells via CARM1-mediated methylation of H3R17. *Cell reports*, 42(12), 113468.

Link PA, et al. (2022) Combined control of the fibroblast contractile program by YAP and TAZ. *American journal of physiology. Lung cellular and molecular physiology*, 322(1), L23.

Esteves P, et al. (2022) Asthmatic bronchial smooth muscle increases rhinovirus replication within the bronchial epithelium. *Cell reports*, 38(13), 110571.

Yu Q, et al. (2022) Sox9 mediates autophagy-dependent vascular smooth muscle cell phenotypic modulation and transplant arteriosclerosis. *iScience*, 25(10), 105161.

Ando K, et al. (2022) KCNJ8/ABCC9-containing K-ATP channel modulates brain vascular smooth muscle development and neurovascular coupling. *Developmental cell*, 57(11), 1383.

Bernal S, et al. (2021) Protective effect of suppressor of cytokine signalling 1-based therapy in experimental abdominal aortic aneurysm. *British journal of pharmacology*, 178(3), 564.

Ma Y, et al. (2021) Uterine decidual niche modulates the progressive dedifferentiation of spiral artery vascular smooth muscle cells during human pregnancy†. *Biology of reproduction*, 104(3), 624.

Meng H, et al. (2021) Synthetic VSMCs induce BBB disruption mediated by MYPT1 in ischemic stroke. *iScience*, 24(9), 103047.