

Resource Summary Report

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

Patched / PTCH antibody

RRID:AB_882208

Type: Antibody

Proper Citation

Abcam Cat# ab53715, RRID:AB_882208

Antibody Information

URL: http://antibodyregistry.org/AB_882208

Proper Citation: Abcam Cat# ab53715, RRID:AB_882208

Target Antigen: Patched / PTCH antibody

Host Organism: rabbit

Clonality: polyclonal

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

Antibody Name: Patched / PTCH antibody

Description: This polyclonal targets Patched / PTCH antibody

Target Organism: rat, mouse, human

Antibody ID: AB_882208

Vendor: Abcam

Catalog Number: ab53715

Record Creation Time: 20231110T075614+0000

Record Last Update: 20260829T083511+0000

Ratings and Alerts

No rating or validation information has been found for Patched / PTCH antibody.

No alerts have been found for Patched / PTCH antibody.

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](#) .

Wu Z, et al. (2026) EVC protein regulates Sonic hedgehog signaling during human intervertebral disc development and degeneration. *iScience*, 29(1), 114290.

Gasperini P, et al. (2025) Germline-somatic liaison dictates cancer subtype via de novo steroid biosynthesis. *Cancer discovery*.

Liang H, et al. (2023) Methyltransferase-like 3 facilitates the stem cell properties of esophageal cancer by upregulating patched homolog 1 via N6-methyladenosine methylation. *American journal of physiology. Cell physiology*, 325(3), C770.

Wang Q, et al. (2023) Hedgehog receptors exert immune-surveillance roles in the epidermis across species. *Cell reports*, 42(8), 112929.

Shi T, et al. (2023) MMP-2-mediated Scube2 degradation promotes blood-brain barrier disruption by blocking the interaction between astrocytes and endothelial cells via inhibiting Sonic hedgehog pathway during early cerebral ischemia. *Journal of neurochemistry*.

Zhang ZW, et al. (2022) METTL3 regulates m6A methylation of PTCH1 and GLI2 in Sonic hedgehog signaling to promote tumor progression in SHH-medulloblastoma. *Cell reports*, 41(4), 111530.

Basili T, et al. (2020) Oncogenic properties and signaling basis of the PAX8-GLIS3 fusion gene. *International journal of cancer*, 147(8), 2253.

Wu J, et al. (2020) microRNA-9-5p alleviates blood-brain barrier damage and neuroinflammation after traumatic brain injury. *Journal of neurochemistry*, 153(6), 710.

Chang CH, et al. (2019) Atoh1 Controls Primary Cilia Formation to Allow for SHH-Triggered Granule Neuron Progenitor Proliferation. *Developmental cell*, 48(2), 184.