

Resource Summary Report

Generated by ASWG on Sep 21, 2026

CEP164 antibody

RRID:AB_2651175

Type: Antibody

Proper Citation

Proteintech Cat# 22227-1-AP, RRID:AB_2651175

Antibody Information

URL: http://antibodyregistry.org/AB_2651175

Proper Citation: Proteintech Cat# 22227-1-AP, RRID:AB_2651175

Target Antigen: CEP164

Host Organism: rabbit

Clonality: polyclonal

Comments: Originating manufacturer of this product.
Applications: WB, IP, IHC, IF, ELISA

Antibody Name: CEP164 antibody

Description: This polyclonal targets CEP164

Target Organism: mouse, dog, human

Antibody ID: AB_2651175

Vendor: Proteintech

Catalog Number: 22227-1-AP

Record Creation Time: 20231110T034505+0000

Record Last Update: 20260829T002202+0000

Ratings and Alerts

No rating or validation information has been found for CEP164 antibody.

No alerts have been found for CEP164 antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 14 mentions in open access literature.

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

Lemaître F, et al. (2026) Unveiling the molecular architecture of T cells and immune synapses with cryo-expansion microscopy. *Cell reports*, 45(4), 117165.

van Grinsven EJ, et al. (2026) Microtubule organization and molecular architecture of ciliary basal bodies in multiciliated airway cells. *Current biology : CB*, 36(9), 2285.

Lyu Q, et al. (2026) Proteomic composition and mutual assembly of the C2a projection in vertebrate motile cilia. *eLife*, 15.

Mosqueda N, et al. (2025) Importin β regulates ciliogenesis and cilia length with implications for *Xenopus* nephrogenesis. *Journal of cell science*, 138(20).

Sun J, et al. (2025) A microscopy-based CRISPR screening platform enables organellar functional genomics and illuminates ciliary biology. *Developmental cell*.

Laporte MH, et al. (2024) Time-series reconstruction of the molecular architecture of human centriole assembly. *Cell*, 187(9), 2158.

Jewett CE, et al. (2023) Trisomy 21 induces pericentrosomal crowding delaying primary ciliogenesis and mouse cerebellar development. *eLife*, 12.

Carden S, et al. (2023) Proteomic profiling of centrosomes across multiple mammalian cell and tissue types by an affinity capture method. *Developmental cell*, 58(21), 2393.

Gaudin N, et al. (2022) Evolutionary conservation of centriole rotational asymmetry in the human centrosome. *eLife*, 11.

Meitinger F, et al. (2021) TRIM37 prevents formation of condensate-organized ectopic spindle poles to ensure mitotic fidelity. *The Journal of cell biology*, 220(7).

Stuck MW, et al. (2021) Rab34 is necessary for early stages of intracellular ciliogenesis. *Current biology : CB*, 31(13), 2887.

Rivera-Molina FE, et al. (2021) Exocyst complex mediates recycling of internal cilia. *Current biology : CB*, 31(24), 5580.

Hamel V, et al. (2017) Identification of *Chlamydomonas* Central Core Centriolar Proteins Reveals a Role for Human WDR90 in Ciliogenesis. *Current biology : CB*, 27(16), 2486.

Kanie T, et al. (2017) The CEP19-RABL2 GTPase Complex Binds IFT-B to Initiate Intraflagellar Transport at the Ciliary Base. *Developmental cell*, 42(1), 22.