

Resource Summary Report

Generated by [NIF](#) on Aug 30, 2026

Bruchpilot antibody - Buchner, E.; Universitaetsklinikum Wuerzburg

RRID:AB_2314866

Type: Antibody

Proper Citation

DSHB Cat# nc82, RRID:AB_2314866

Antibody Information

URL: http://antibodyregistry.org/AB_2314866

Proper Citation: DSHB Cat# nc82, RRID:AB_2314866

Target Antigen: Bruchpilot

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: Immunofluorescence, Immunohistochemistry, Western Blot; Date Deposited: 06/10/2005

Consolidation 6/2023: AB_2314867, AB_528108, AB_2314865, AB_2314869

Antibody Name: Bruchpilot antibody - Buchner, E.; Universitaetsklinikum Wuerzburg

Description: This monoclonal targets Bruchpilot

Target Organism: Drosophila, Mosquito

Defining Citation: [PMID:27684367](#), [PMID:26919434](#), [PMID:22467519](#), [PMID:26762251](#), [PMID:23105004](#), [PMID:24505416](#), [PMID:28874527](#), [PMID:16543132](#), [PMID:25139856](#), [PMID:17436293](#), [PMID:29176602](#), [PMID:20826458](#), [PMID:23884941](#), [PMID:24847281](#), [PMID:28756946](#), [PMID:19596851](#), [PMID:20445073](#), [PMID:28875566](#), [PMID:25855186](#), [PMID:23077158](#), [PMID:23678121](#), [PMID:25380328](#), [PMID:24772085](#), [PMID:23530210](#), [PMID:22457513](#), [PMID:26560192](#), [PMID:25940748](#), [PMID:24523662](#), [PMID:19837039](#), [PMID:23238737](#), [PMID:18419806](#), [PMID:26780543](#), [PMID:25327641](#), [PMID:23770702](#)

Antibody ID: AB_2314866

Vendor: DSHB

Catalog Number: nc82

Record Creation Time: 20250820T070454+0000

Record Last Update: 20250821T013347+0000

Ratings and Alerts

No rating or validation information has been found for Bruchpilot antibody - Buchner, E.; Universitaetsklinikum Wuerzburg.

No alerts have been found for Bruchpilot antibody - Buchner, E.; Universitaetsklinikum Wuerzburg.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 460 mentions in open access literature.

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

Allen AM, et al. (2026) Differential neuronal survival defines a novel axis of sexual dimorphism in the Drosophila brain. *Cell genomics*, 101125.

Collie MF, et al. (2026) Specialized parallel pathways for adaptive control of visual object pursuit. *Neuron*, 114(10), 1833.

Guan Z, et al. (2026) Disease-causing mutations in Synaptotagmin can act via dominant-negative, gain-of-function or haploinsufficient mechanisms. *bioRxiv : the preprint server for biology*.

Pimenov I, et al. (2026) Dopamine neuron specific RNA-sequencing reveals Neprilysin 1 acts downstream of the cohesin complex to suppress learning. *Communications biology*, 9(1).

Elabbady L, et al. (2026) A central somatotopic map of the fly leg supports spatially targeted grooming. *Current biology : CB*, 36(9), 2192.

Shen Y, et al. (2026) A genome-wide MAGIC kit for recombinase-independent mosaic analysis in Drosophila. *eLife*, 14.

Chen J, et al. (2026) Resolving synaptic events using subsynaptically targeted GCaMP8 variants. *eLife*, 14.

Wang Y, et al. (2026) A bidirectional brain-fat body axis for pathogen avoidance. *Neuron*.

Qin W, et al. (2026) Hugin-AstA circuitry is a novel central energy sensor that directly regulates sweet sensation in *Drosophila* and mouse. *eLife*, 14.

Syed DS, et al. (2026) Inhibitory circuits control leg movements during *Drosophila* grooming. *eLife*, 14.

Yamanouchi HM, et al. (2026) YORU: Animal behavior detection with object-based approach for real-time closed-loop feedback. *Science advances*, 12(7), eadw2109.

Dopp J, et al. (2026) A genetic strategy for targeting local astrocytes in adult *Drosophila*. *Cell reports methods*, 6(3), 101332.

Guo L, et al. (2026) Segmentally repeated ventral nerve cord circuits drive different leg rubbing behaviors in *Drosophila* grooming. *iScience*, 29(3), 114902.

Theisen EK, et al. (2026) Lysosomal salvage of neuronal lipids enables glial infiltration of synaptic regions. *Neuron*, 114(12), 2199.

Calle-Schuler SA, et al. (2026) A comprehensive mechanosensory connectome reveals a somatotopically organized neural circuit architecture controlling stimulus-aimed grooming of the *Drosophila* head. *eLife*, 14.

Cheong HSJ, et al. (2026) Organization of circuits linking descending input to motor output in the *Drosophila* Male Adult Nerve Cord connectome. *eLife*, 13.

Wani AR, et al. (2026) Hormonal control of postmitotic neuronal identity. *bioRxiv* : the preprint server for biology.

Dhawan S, et al. (2026) A neural connectivity atlas for fly flight control. *Current biology* : CB, 36(3), 660.

Croke H, et al. (2026) *Drosophila* DNp03 descending neurons serve as a hub within a flight saccade network. *Current biology* : CB, 36(1), 133.

Li X, et al. (2026) Sequencing of distinct wing behaviors during *Drosophila* courtship. *Current biology* : CB, 36(5), 1291.