

Resource Summary Report

Generated by [NIF](#) on Sep 14, 2026

Prospero protein antibody - Doe, C.Q.; University of Oregon

RRID:AB_528440

Type: Antibody

Proper Citation

DSHB Cat# Prospero (MR1A), RRID:AB_528440

Antibody Information

URL: http://antibodyregistry.org/AB_528440

Proper Citation: DSHB Cat# Prospero (MR1A), RRID:AB_528440

Target Antigen: Prospero protein

Host Organism: mouse

Clonality: monoclonal

Comments: Application(s): Immunofluorescence, Immunohistochemistry, Western Blot;
Date Deposited: 11/22/2000

Antibody Name: Prospero protein antibody - Doe, C.Q.; University of Oregon

Description: This monoclonal targets Prospero protein

Target Organism: Drosophila

Defining Citation: [PMID:29335529](#), [PMID:11344304](#), [PMID:20040486](#), [PMID:10409503](#),
[PMID:19745814](#), [PMID:11262236](#), [PMID:22190460](#), [PMID:29162808](#), [PMID:27680705](#),
[PMID:23407946](#), [PMID:26887495](#), [PMID:29324767](#), [PMID:24576427](#), [PMID:21146517](#),
[PMID:17588724](#), [PMID:7607085](#), [PMID:22745313](#)

Antibody ID: AB_528440

Vendor: DSHB

Catalog Number: Prospero (MR1A)

Record Creation Time: 20231110T044218+0000

Record Last Update: 20260829T190840+0000

Ratings and Alerts

No rating or validation information has been found for Prospero protein antibody - Doe, C.Q.; University of Oregon.

No alerts have been found for Prospero protein antibody - Doe, C.Q.; University of Oregon.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 115 mentions in open access literature.

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

Udayakumar A, et al. (2026) Toll signalling controls intestinal regeneration in Drosophila. Development (Cambridge, England), 153(2).

Pitsouli C, et al. (2026) Drosophila melanogaster as a model host for studying Pseudomonas aeruginosa feeding infection. Nature protocols.

Gonzalez-Blanco A, et al. (2026) Proteostasis failure and mitochondrial dysfunction contribute to chromosomal instability-induced microcephaly. Nature communications, 17(1).

Verma RK, et al. (2026) Electron transport chain complex I and mitochondrial fusion regulate ROS for differentiation in Drosophila neural stem cells. Stem cell reports, 21(7), 102951.

Cheng G, et al. (2026) Ablation of the adhesion G protein-coupled receptor ADGRL1 activates anti-tumor immune response via cDC1-T cell hub formation. Cell reports, 45(6), 117409.

Wang M, et al. (2026) Impaired VLCFA-peroxisome-mediated intestinal epithelial repair causes gastrointestinal sequelae of long COVID. Developmental cell.

Yu H, et al. (2026) A regional regulatory axis shapes enteroendocrine cell morphology and function. The Journal of cell biology, 225(5).

Falconi J, et al. (2026) Tumor-derived Ilp8 and Upd3 contribute to intestinal progenitor cells depletion during cachexia in Drosophila larvae. Cell reports, 45(8), 117722.

Kozono Y, et al. (2026) EC-isHCR: A rapid method for in situ hybridization chain reaction in diverse animal samples. Methods (San Diego, Calif.), 254, 59.

Hailstock T, et al. (2026) Orb2 RNA-binding activity promotes neural stem cell development and brain growth in Drosophila larvae. Cell reports, 45(7), 117680.

Li M, et al. (2025) Numb provides a fail-safe mechanism for intestinal stem cell self-renewal in adult *Drosophila* midgut. *eLife*, 14.

Geng L, et al. (2025) The N^ε-acetyl-L-lysine/Loxl2/H₂O₂ promotes intestinal tumor growth in *Drosophila* and cell proliferation in human colorectal cancer. *Cell reports*, 44(8), 116126.

Blanco Mendana J, et al. (2025) Deterministic genetic barcoding for multiplexed behavioral and single-cell transcriptomic studies. *eLife*, 12.

Puig-Barbe A, et al. (2025) A bHLH interaction code controls bipotential differentiation and self-renewal in the *Drosophila* gut. *Cell reports*, 44(3), 115398.

Lee JW, et al. (2025) Microbiome-emitted scents activate olfactory neuron-independent airway-gut-brain axis to promote host growth in *Drosophila*. *Nature communications*, 16(1), 2199.

Medina AB, et al. (2025) Neuroendocrine control of intestinal regeneration through the vascular niche in *Drosophila*. *Developmental cell*.

Stricker AM, et al. (2025) Piezo-dependent surveillance of matrix stiffness generates transient cells that repair the basement membrane. *Developmental cell*, 60(14), 1936.

Boumard B, et al. (2025) Cell-type-specific nucleotide sharing through gap junctions impacts sensitivity to replication stress in *Drosophila*. *Developmental cell*.

Jiang D, et al. (2025) A feedback loop between Paxillin and Yorkie sustains *Drosophila* intestinal homeostasis and regeneration. *Nature communications*, 16(1), 570.

Malita A, et al. (2025) Glia-mediated gut-brain cytokine signaling couples sleep to intestinal inflammatory responses induced by oxidative stress. *eLife*, 13.