

Resource Summary Report

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anti-bovine LH antibody

RRID:AB_2665514

Type: Antibody

Proper Citation

Dr. Janet Roser, Department of Animal Science, University of California, Davis Cat# 518B7, RRID:AB_2665514

Antibody Information

URL: http://antibodyregistry.org/AB_2665514

Proper Citation: Dr. Janet Roser, Department of Animal Science, University of California, Davis Cat# 518B7, RRID:AB_2665514

Target Antigen: LH

Host Organism: mouse

Clonality: monoclonal

Comments: The monoclonal antibody (Clone 0518B7; Monoclonal Antibodies, Inc., Mountain View, CA; Available from Dr. Janet Roser, Department of Animal Science, University of California, Davis, CA) with specificity for bovine LH (bLH) was produced by a stable clone of cell hybrids isolated from fusions of Balb/c mouse spleen lymphocytes with NS-1 myeloma cells (5). Briefly, balb/c mice were immunized over a period of several weeks by intraperitoneal injections with bovine LH (Accurate Chemicals, Westbury, N.Y.) in complete Freund's adjuvant.

Antibody Name: anti-bovine LH antibody

Description: This monoclonal targets LH

Target Organism: bovine

Clone ID: 0518B7

Defining Citation: [PMID:3507889](#)

Antibody ID: AB_2665514

Vendor: Dr. Janet Roser, Department of Animal Science, University of California, Davis

Catalog Number: 518B7

Record Creation Time: 20231110T034322+0000

Record Last Update: 20260901T052217+0000

Ratings and Alerts

No rating or validation information has been found for anti-bovine LH antibody.

No alerts have been found for anti-bovine LH antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 50 mentions in open access literature.

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

Wagenmaker ER, et al. (2026) Examining mechanisms by which acute psychosocial stress disrupts the proestrous LH surge and ovulation in female mice. *Endocrinology*, 167(7).

Cotellessa L, et al. (2026) GnRH-receptor antagonism as a targeted approach to reproductive dysfunction in polycystic ovary syndrome. *EBioMedicine*, 130, 106398.

Puffer MS, et al. (2026) Kisspeptin made in the preoptic area is required for normal estradiol-induced LH surges and optimal fertility in females. *Endocrinology*, 167(6).

Yu J, et al. (2026) The role of amygdala GABA neurons in controlling stress and reproduction in female mice. *Nature communications*, 17(1).

Van Loh BM, et al. (2026) The Transcription Factors Six3 and Six6 in Neuromedin-S Neurons Differentially Affect Circadian Rhythms. *Journal of neuroscience research*, 104(4), e70123.

Cassin J, et al. (2026) Haploinsufficiency of Sox2 causes fewer GnRH neurons and delayed puberty in mice. *Endocrinology*, 167(2).

Qiu J, et al. (2025) Glutamatergic Input From Arcuate Nucleus Kiss1 Neurons to Preoptic Kiss1 Neurons Is Required for LH Surge in Female Mice. *Endocrinology*, 166(2).

Lin YF, et al. (2025) Loss of Inhibin Negative Feedback to Pituitary Gonadotropes Leads to Enhanced Ovulation but Pregnancy Failure in Mice. *Endocrinology*, 166(10).

Feng X, et al. (2025) The sperm quality in DIO male mice is linked to the NF- κ B signaling and Ppp2ca expression in the hypothalamus. *iScience*, 28(3), 112110.

Liu Y, et al. (2025) In-vivo properties and functional subtypes of gonadotropin-releasing hormone neurons. *iScience*, 28(5), 112513.

McCosh RB, et al. (2025) Suppression of Luteinizing Hormone Secretion in Female Mice by a Urocortin 2-CRHR2 Signaling Pathway. *Endocrinology*, 166(5).

Phillips CD, et al. (2025) Sex and Time of Day Alter the Interactions Between Hypothalamic Glia and the Neural Circuits Controlling Reproduction. *Endocrinology*, 166(5).

Chang B, et al. (2025) Comparative Analysis of GnRH Pulse Generator Activity in Intact and Gonadectomized Male and Female Mice. *Endocrinology*, 166(8).

Hackwell E, et al. (2025) Prolactin-mediates a lactation-induced suppression of arcuate kisspeptin neuronal activity necessary for lactational infertility in mice. *eLife*, 13.

Ruggiero-Ruff RE, et al. (2024) Single-Cell Transcriptomics Identifies Pituitary Gland Changes in Diet-Induced Obesity in Male Mice. *Endocrinology*, 165(3).

Dillon KM, et al. (2024) Deletion of Nuclear Progesterone Receptors From Kisspeptin Cells Does Not Impair Negative Feedback in Female Mice. *Endocrinology*, 165(10).

Coutinho EA, et al. (2024) Targeted inhibition of kisspeptin neurons reverses hyperandrogenemia and abnormal hyperactive LH secretion in a preclinical mouse model of polycystic ovary syndrome. *Human reproduction (Oxford, England)*, 39(9), 2089.

Schultz H, et al. (2024) ZEB1 Inhibits LH β Subunit Transcription When Overexpressed, but Is Dispensable for LH Synthesis in Mice. *Endocrinology*, 165(10).

Faure MC, et al. (2024) Role of Membrane Estrogen Receptor Alpha on the Positive Feedback of Estrogens on Kisspeptin and GnRH Neurons. *eNeuro*, 11(10).

Andreassen CH, et al. (2024) Denosumab stimulates spermatogenesis in infertile men with preserved Sertoli cell capacity. *Cell reports. Medicine*, 5(10), 101783.