Product Datasheet

FOXL2 Antibody
NB100-1277

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

www.novusbio.com **technical@novusbio.com**

Reviews: 1 Publications: 77

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NB100-1277

Updated 1/26/2026 v.20.1

NB100-1277

FOXL2 Antibody

Product Information

Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

Product Description

Description	Novus Biologicals Goat FOXL2 Antibody (NB100-1277) is a polyclonal antibody validated for use in IHC, WB, ELISA, ICC/IF and ChIP. Anti-FOXL2 Antibody: Cited in 72 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Goat
Gene ID	668
Gene Symbol	FOXL2
Species	Human, Mouse, Bovine, Ferret
Reactivity Notes	Use in Bovine, Human, Mouse reported in scientific literature (PMID: 33956944). Ferret reactivity reported in scientific literature (PMID: 25289806).
Immunogen	Peptide with sequence C-DSKTGALHSRLDL corresponding to C-Terminus according to NP_075555.1.

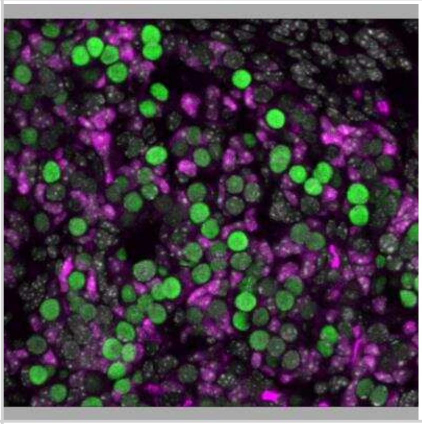
Product Application Details

Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Peptide ELISA, Chromatin Immunoprecipitation (ChIP), Immunohistochemistry Whole-Mount
Recommended Dilutions	Western Blot 0.3 - 1 ug/mL, Immunohistochemistry 8 ug/mL, Immunocytochemistry/ Immunofluorescence 1:10 - 1:500, Immunohistochemistry-Paraffin 5 ug/mL, Immunohistochemistry-Frozen 1:10 - 1:500, Peptide ELISA Detection limit 1:128000, Immunohistochemistry Whole-Mount 1:10 - 1:500, Chromatin Immunoprecipitation (ChIP) 1:10-1:500
Application Notes	Western blot: Approx. 50kDa band observed in Mouse Ovary lysates and in preliminary testing of Human Uterus and Rat Ovary lysate (calculated MW of 38.9kDa according to Mouse NP_036150.1). This molecular weight is routinely observed by other sources. Primary incubation 1 hour at room temperature. IHC-WhMt usage reported in scientific literature (PMID: 24753105). ICC/IF reported in scientific literature (PMID: 27698028). IHC-Fr reported in scientific literature (PMID: 23091613). ChIP reported in scientific literature (PMID: 30212841). IHC-P reported in scientific literature (PMID: 30304016).

Images

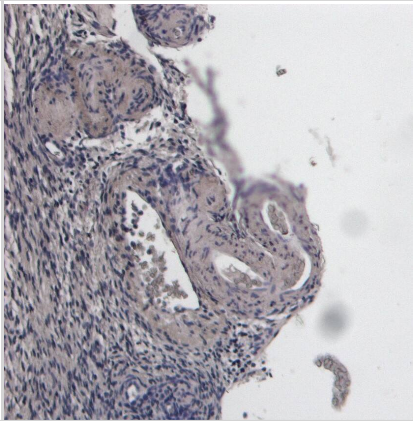
Western Blot: FOXL2 Antibody [NB100-1277] - (1ug/ml) staining of Mouse Ovary lysate (35ug protein in RIPA buffer). Detected by chemiluminescence.

Immunocytochemistry/Immunofluorescence: FOXL2 Antibody [NB100-1277] - Analysis of FOXL2 in PFA-fixed, E14.5 mouse ovary section using anti-FOXL2 antibody (magenta), germ cell marker (green) and hoechst (grey). ICC/IF image submitted by a verified customer review.



Immunohistochemistry-Paraffin: FOXL2 Antibody [NB100-1277] - (8ug/ml) staining of paraffin embedded Human Ovary. Heat induced antigen retrieval with citrate buffer pH 6, HRP-staining.

Immunohistochemistry-Paraffin: FOXL2 Antibody [NB100-1277] - Negative Control showing staining of paraffin embedded Human Ovary, with no primary antibody.



Publications

Wang Y, Li H, You L et al. RSPO2 Coordinates with GDF9:BMP15 Heterodimers to Promote Granulosa Cell and Oocyte Development in Mice. Advanced science (Weinheim, Baden-Wurttemberg, Germany) 2025-06-10 [PMID: 40492505]

DiRusso J, Zhan L, Tao Y et al. Sex-specific expression and function of TRIM28 during mouse primordial germ differentiation iScience 2025-10-17 [PMID: 41019377]

Danti L, Lundin K, Sepponen K et al. CRISPR/Cas9-mediated activation of NR5A1 steers female human embryonic stem cell-derived bipotential gonadal-like cells towards a steroidogenic cell fate J Ovarian Res 2023-09-20 [PMID: 37726790]

Nicol B, Rodriguez K, Yao HH. Aberrant and constitutive expression of FOXL2 impairs ovarian development and functions in mice Biology of Reproduction 2020-10-29 [PMID: 32945847]

Thomson E, Tran M, Robevska G et al. Functional genomics analysis identifies loss of HNF1B function as a cause of Mayer-Rokitansky-K□ster-Hauser syndrome Human Molecular Genetics 2023-03-06 [PMID: 36282544]

Dai Y, Bo Y, Wang P et al. Asynchronous embryonic germ cell development leads to a heterogeneity of postnatal ovarian follicle activation and may influence the timing of puberty onset in mice BMC Biology 2022-12-01 [PMID: 35550124]

Del Valle JS, Mancini V, Laverde Garay M et al. Dynamic in vitro culture of cryopreserved-thawed human ovarian cortical tissue using a microfluidics platform does not improve early folliculogenesis Front Endocrinol (Lausanne) 2022-07-29 [PMID: 35966050]

Binder AK, Burns KA, Rodriguez KF, Hamilton K et Al. Postnatal Ovarian Transdifferentiation in the Absence of Estrogen Receptor Signaling Is Dependent on Genetic Background Endocrinology 2024-11-22 [PMID: 39576259]

Anbarci DN, O'Rourke R, Xiang Y, Peters DT et Al. Bulk and single-cell transcriptome datasets of the mouse fetal and adult rete ovarii and surrounding tissues Sci Data 2024-04-13 [PMID: 38615064]

Squatrito M, Vervier J, Bindels J et Al. Impaired fertility in adenomyosis: a murine model reveals endometrial receptivity and progesterone resistance imbalances Reproduction 2024-04-17 [PMID: 38451875]

Jasin Taelman, Sylwia M. Czukiewska, Ioannis Moustakas, Yolanda W. Chang, Sanne Hillenius, Talia van der Helm, Lotte E. van der Meeren, Hailiang Mei, Xueying Fan, Susana M. Chuva de Sousa Lopes Characterization of the human fetal gonad and reproductive tract by single-cell transcriptomics Developmental Cell 2024-02-26 [PMID: 38295793]

Ting Zhao, Meina He, Zijian Zhu, Tuo Zhang, Wenying Zheng, Shaogang Qin, Meng Gao, Wenji Wang, Ziqi Chen, Jun Han, Longping Liu, Bo Zhou, Haibin Wang, Hua Zhang, Guoliang Xia, Jianbin Wang, Fengchao Wang, Chao Wang P62 promotes FSH-induced antral follicle formation by directing degradation of ubiquitinated WT1 Cellular and Molecular Life Sciences: CMLS 2024-05-20 [PMID: 38763964]

More publications at http://www.novusbio.com/NB100-1277

Novus Biologicals USA
10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada
21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd
19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information
www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NB100-1277

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control

Limitations
This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NB100-1277

Earn gift cards/discounts by submitting a publication using this product: www.novusbio.com/publications