

Product Datasheet

Anillin Antibody (CL0303) - BSA Free NBP2-52908

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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Updated 9/9/2025 v.20.1

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NBP2-52908

Anillin Antibody (CL0303) - BSA Free

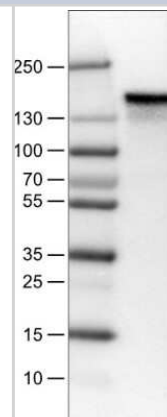
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CL0303
Preservative	0.02% Sodium Azide
Isotype	IgG1
Purity	Protein A purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description	
Description	Novus Biologicals Mouse Anillin Antibody (CL0303) - BSA Free (NBP2-52908) is a monoclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	54443
Gene Symbol	ANLN
Species	Human
Immunogen	This antibody was developed using a recombinant protein derived from Q9NQW6, with the exact immunogen sequence remaining proprietary.

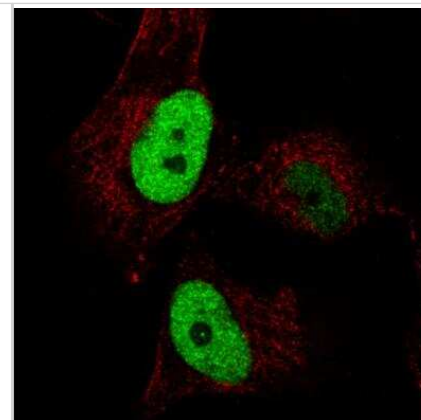
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Knockdown Validated
Recommended Dilutions	Western Blot 1 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 2-10 ug/ml, Immunohistochemistry-Paraffin 1:50 - 1:200, Knockdown Validated
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. Immunocytochemistry/Immunofluorescence Fixation Permeabilization: Use PFA/Triton X-100.

Images

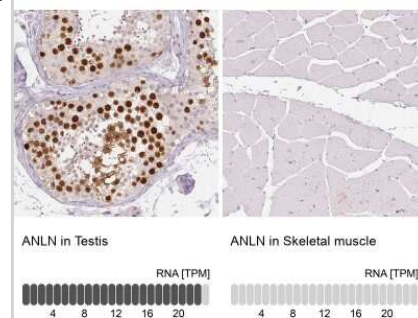
Western Blot: Anillin Antibody (CL0303) [NBP2-52908] - Lane 1: Marker [kDa] Lane 2: Human cell line U-251 MG



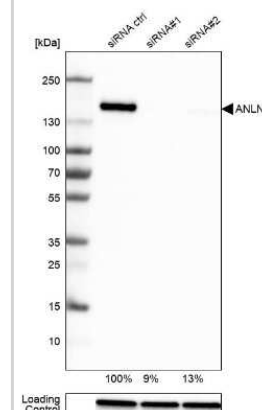
Immunocytochemistry/Immunofluorescence: Anillin Antibody (CL0303) [NBP2-52908] - Staining in U251 cell line with Anti-ANLN monoclonal antibody, showing cell cycle dependent nuclear (without nucleoli) staining in green. Microtubule- and nuclear probes are visualized in red and blue respectively (where available). Antibody staining is shown in green.



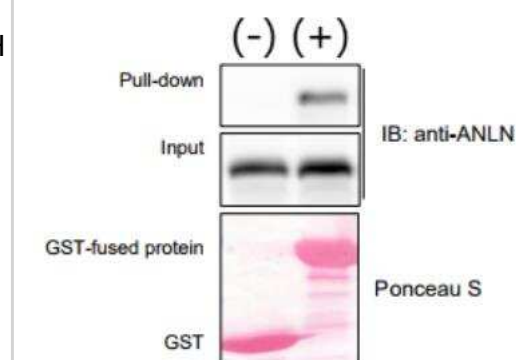
Immunohistochemistry-Paraffin: Anillin Antibody (CL0303) [NBP2-52908] - Staining in human testis and skeletal muscle tissues. Corresponding ANLN RNA-seq data are presented for the same tissues.



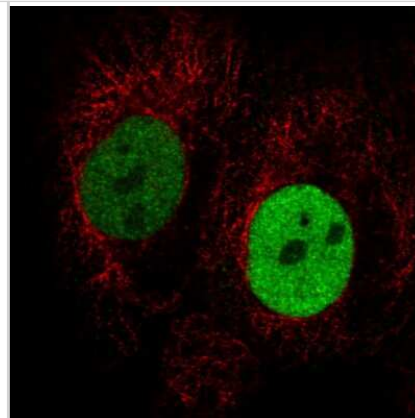
Western Blot: Anillin Antibody (CL0303) [NBP2-52908] - Analysis in U-251MG cells transfected with control siRNA, target specific siRNA probe #1 and #2, using Anti-ANLN antibody. Remaining relative intensity is presented. Loading control: Anti-GAPDH.



Western Blot: Anillin Antibody (CL0303) [NBP2-52908] - Interaction of Anillin with GST-fused protein: MDA-MB-231 cells were lysed in TBS, pH 7.5, containing 0.75% Triton X-100 with inhibitors of proteases and phosphatases. Lysate was sonicated and cleared by centrifugation. for the input, sample buffer was added to part of the lysate and heated for 10min 95 C. The rest of the lysate was incubated with either GST or GST-fused protein immobilized on agarose beads for 2h in 4 C. the beads were washed three times in lysis buffer, resuspended in sample buffer and heated for 10min 95 C. The samples were resolved using SDS-PAGE and immunoblotted with anti-ANLN antibody. This image was submitted by customer review.



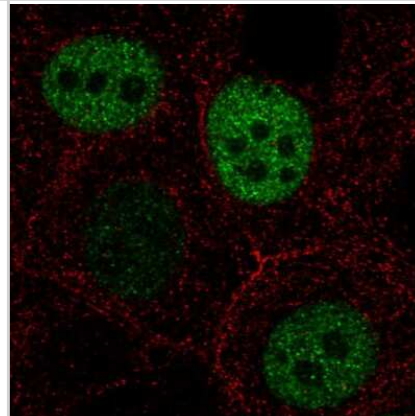
Immunocytochemistry/Immunofluorescence: Anillin Antibody (CL0303) [NBP2-52908] - Staining in A431 cell line with Anti-ANLN monoclonal antibody, showing cell cycle dependent nuclear (without nucleoli) staining in green. Microtubule- and nuclear probes are visualized in red and blue respectively (where available).



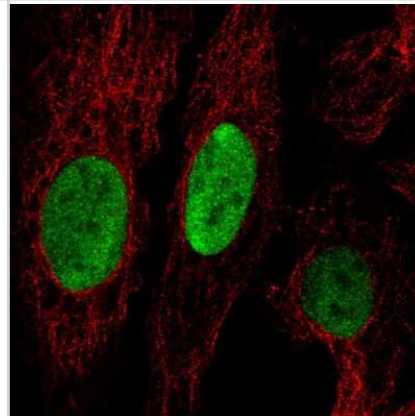
Immunocytochemistry/Immunofluorescence: Anillin Antibody (CL0303) [NBP2-52908] - Staining in HeLa cell line with Anti-ANLN monoclonal antibody, showing cell cycle dependent nuclear (without nucleoli) staining in green. Microtubule- and nuclear probes are visualized in red and blue respectively (where available).



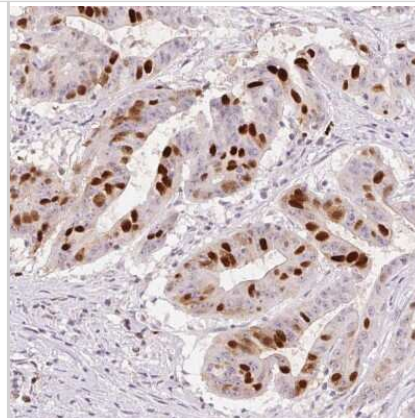
Immunocytochemistry/Immunofluorescence: Anillin Antibody (CL0303) [NBP2-52908] - Staining in MCF7 cell line with Anti-ANLN monoclonal antibody, showing cell cycle dependent nuclear (without nucleoli) staining in green. Microtubule- and nuclear probes are visualized in red and blue respectively (where available).



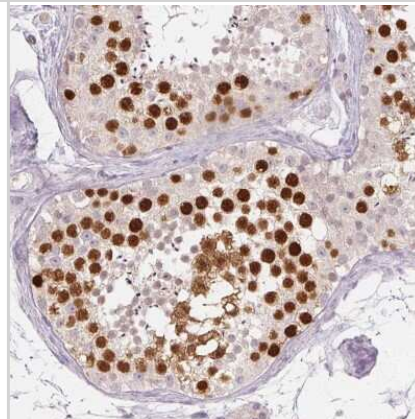
Immunocytochemistry/Immunofluorescence: Anillin Antibody (CL0303) [NBP2-52908] - Staining in U2OS cell line with Anti-ANLN monoclonal antibody, showing cell cycle dependent nuclear (without nucleoli) staining in green. Microtubule- and nuclear probes are visualized in red and blue respectively (where available).



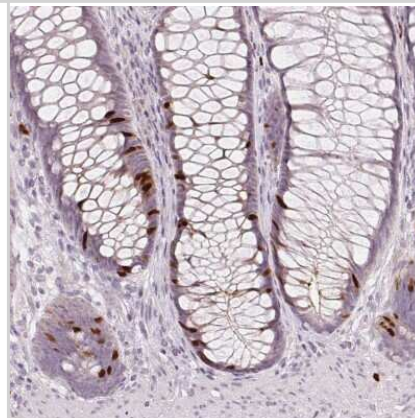
Immunohistochemistry-Paraffin: Anillin Antibody (CL0303) [NBP2-52908]
- Staining of human colorectal cancer shows moderate to strong nuclear positivity in a subset of tumor cells.



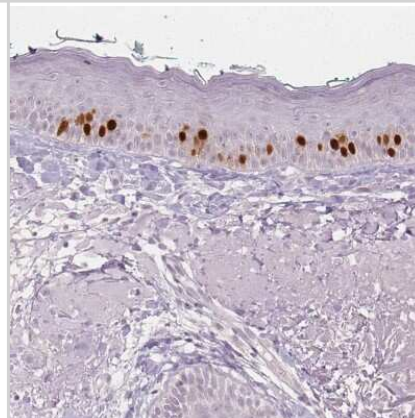
Immunohistochemistry-Paraffin: Anillin Antibody (CL0303) [NBP2-52908]
- Staining of human testis shows moderate to strong nuclear positivity in a subset of cells in seminiferous ducts.



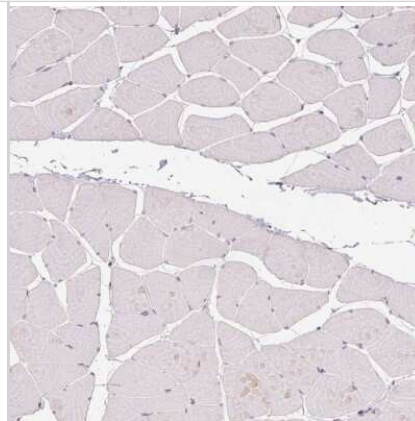
Immunohistochemistry-Paraffin: Anillin Antibody (CL0303) [NBP2-52908]
- Staining of human rectum shows moderate to strong nuclear positivity in a subset of glandular cells.



Immunohistochemistry-Paraffin: Anillin Antibody (CL0303) [NBP2-52908]
- Staining of human skin shows moderate to strong nuclear positivity in a subset of dermal cells.



Immunohistochemistry-Paraffin: Anillin Antibody (CL0303) [NBP2-52908]
- Staining of human skeletal muscle shows no nuclear positivity in striated muscle fibers as expected.





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 NBP2-52908

NBP2-52908PEP	Anillin Recombinant Protein Antigen
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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.

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