

Product Datasheet

Anillin Antibody NB100-1314

Unit Size: 0.1 mg

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

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NB100-1314**Anillin 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

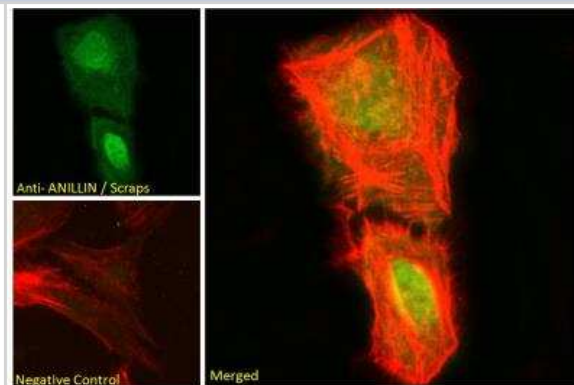
Product Description	
Description	Novus Biologicals Goat Anillin Antibody (NB100-1314) is a polyclonal antibody validated for use in IHC, ELISA, Flow and ICC/IF. Anti-Anillin Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Goat
Gene ID	54443
Gene Symbol	ANLN
Species	Human
Immunogen	Peptide with sequence WQPDACYKPIGKP corresponding to C-Terminus according to NP_061155.2.

Product Application Details	
Applications	Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Peptide ELISA
Recommended Dilutions	Flow Cytometry, Immunohistochemistry 3 - 10 ug/ml, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin 3 - 10 ug/ml, Peptide ELISA Detection limit 1:64000
Application Notes	WB: Preliminary experiments gave an approx. 75 kDa band in mouse brain lysates after 0.3 ug/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 124 kDa band according to NP_061155.2. The 75 kDa band was successfully blocked by incubation with the immunizing peptide. IHC-P: Human kidney shows staining of nuclei in some cells of renal tubules.

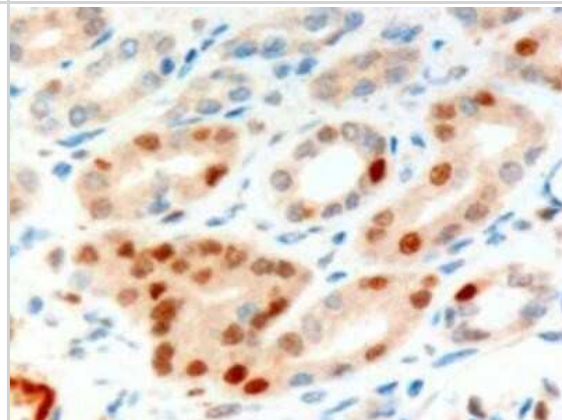


Images

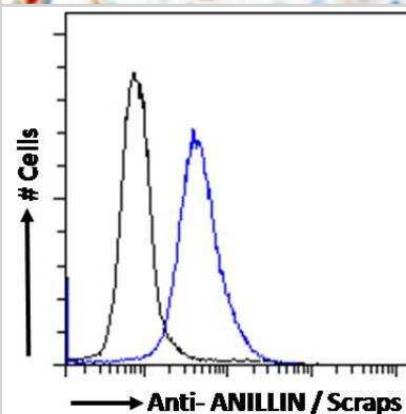
Immunocytochemistry/Immunofluorescence: Anillin Antibody [NB100-1314] - Analysis of paraformaldehyde fixed U2OS cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing nuclear staining. Actin filaments were stained with phalloidin (red). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



Immunohistochemistry-Paraffin: Anillin Antibody [NB100-1314] - 10ug/ml staining of paraffin embedded Human Kidney. Microwaved antigen retrieval with Tris/EDTA buffer pH9, HRP-staining.



Flow Cytometry: Anillin Antibody [NB100-1314] - Analysis of paraformaldehyde fixed MCF7 cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (1ug/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.



Publications

Oegema K, Savoian MS, Mitchison TJ, Field CM. Functional analysis of a human homologue of the Drosophila actin binding protein anillin suggests a role in cytokinesis. J Cell Biol 2000-08-07 [PMID: 10931866]



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Products Related to NB100-1314

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
NBP2-38630PEP	Anillin Recombinant Protein Antigen

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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