

# Product Datasheet

## Axin-1 Antibody NB100-1011

Unit Size: 0.1 mg

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

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[technical@novusbio.com](mailto:technical@novusbio.com)

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**NB100-1011****Axin-1 Antibody**

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

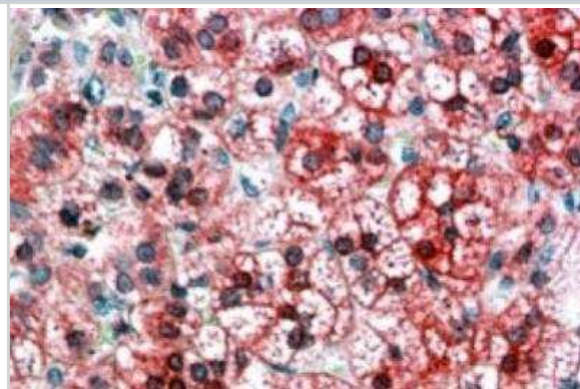
| <b>Product Description</b>     |   |
|--------------------------------|---|
| <b>Host</b>                    | Goat  |
| <b>Gene ID</b>                 | 8312  |
| <b>Gene Symbol</b>             | AXIN1   |
| <b>Species</b>                 | Human   |
| <b>Reactivity Notes</b>        | Predicted cross-reactivity based on sequence identity: Mouse, Rat, Canine, Bovine.          |
| <b>Specificity/Sensitivity</b> | This antibody is expected to recognise both reported isoforms.                              |
| <b>Immunogen</b>               | Peptide with sequence C-FEEKIIGKVEKVD corresponding to C-Terminus according to NP_851393.1. |

| <b>Product Application Details</b> |  |
|------------------------------------|--|
| <b>Applications</b>                | Immunohistochemistry, Immunohistochemistry-Paraffin, Peptide ELISA   |
| <b>Recommended Dilutions</b>       | Immunohistochemistry 3 - 5 ug/ml, Immunohistochemistry-Paraffin 3 - 5 ug/ml, Peptide ELISA Detection limit 1:128000  |
| <b>Application Notes</b>           | WB: Preliminary experiments gave bands at approx. 150 kDa band and 22-24 kDa band in human brain (hippocampus) lysates after 0.1 ug/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the bands we observe given the calculated size of 95.6 kDa band according to NP_003493.1 and 91.7 kDa band according to NP_851393.1. The detected bands were successfully blocked by incubation with the immunizing peptide (and BLAST results with the immunizing peptide sequence did not identify any other proteins to explain the additional bands). IHC-P: Human adrenal gland shows membranous and fibrous staining in and around secretory cells of the zona fasciculata in the cortex. |



## Images

Immunohistochemistry: Axin-1 Antibody [NB100-1011] - (3.8ug/ml) staining of paraffin embedded Human Adrenal Cortex. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



## Publications

Zeng L, Fagotto F, Zhang T et al. The mouse Fused locus encodes Axin, an inhibitor of the Wnt signaling pathway that regulates embryonic axis formation. Cell 1997-07-11 [PMID: 9230313]



### **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 NB100-1011**

|                 |  |
|-----------------|--|
| 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   |
| NBP1-76483PEP   | Axin-1 Antibody Blocking Peptide                                       |

### **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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