

Product Datasheet

Axin-1 Antibody NB100-1011

Unit Size: 0.1 mg

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

www.novusbio.com



technical@novusbio.com

Publications: 2

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NB100-1011

Axin-1 Antibody

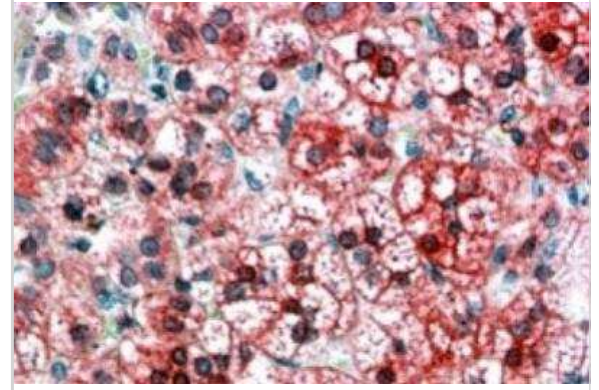
Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

Product Description	
Description	Novus Biologicals Goat Axin-1 Antibody (NB100-1011) is a polyclonal antibody validated for use in IHC and ELISA. Anti-Axin-1 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Goat
Gene ID	8312
Gene Symbol	AXIN1
Species	Human
Reactivity Notes	Predicted cross-reactivity based on sequence identity: Mouse, Rat, Canine, Bovine.
Specificity/Sensitivity	This antibody is expected to recognise both reported isoforms.
Immunogen	Peptide with sequence C-FEEKIIGKVEKVD corresponding to C-Terminus according to NP_851393.1.

Product Application Details	
Applications	Immunohistochemistry-Paraffin, Immunohistochemistry, Peptide ELISA
Recommended Dilutions	Immunohistochemistry 3 - 5 ug/ml, Immunohistochemistry-Paraffin 3 - 5 ug/ml, Peptide ELISA Detection limit 1:128000
Application Notes	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

Qadah T, Noorwali A, Alzahrani F et al. Detection of BCL11A and HBS1L-MYB Genotypes in Sickle Cell Anemia Indian Journal of Hematology & Blood Transfusion 2020-03-03 [PMID: 33100714]

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
NBP3-25292PEP	Axin-1 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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