

# Product Datasheet

## NIPBL Antibody - BSA Free

### NBP1-77974

Unit Size: 0.1 mg

Store at -20C short term. Aliquot and store at -80C long term. Avoid freeze-thaw cycles.

[www.novusbio.com](http://www.novusbio.com)



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

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NBP1-77974](http://www.novusbio.com/NBP1-77974)

Updated 2/21/2025 v.20.1

Earn rewards for product  
reviews and publications.

Submit a publication at [www.novusbio.com/publications](http://www.novusbio.com/publications)

Submit a review at [www.novusbio.com/reviews/destination/NBP1-77974](http://www.novusbio.com/reviews/destination/NBP1-77974)



**NBP1-77974**

NIPBL Antibody - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C short term. Aliquot and store at -80C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2

Product Description	
Description	<p>This affinity purified antibody is directed against human NIPBL protein. The product was affinity purified from monospecific antiserum by immunoaffinity purification</p> <p>Store vial at -20C prior to opening. Aliquot contents and freeze at -20C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4C as an undiluted liquid. Dilute only prior to immediate use.</p>
Host	Goat
Gene ID	25836
Gene Symbol	NIPBL
Species	Human, Mouse
Reactivity Notes	A BLAST analysis was used to suggest reactivity with this protein from human, rat, mouse, dog, bovine and orangutan based on 100% homology for the immunogen sequence. Expect reactivity with multiple splice variants of this protein. Cross reactivity with NIPBL homologues from other sources has not been determined.
Specificity/Sensitivity	This affinity purified antibody is directed against human NIPBL protein. A BLAST analysis was used to suggest reactivity with this protein from human, rat, mouse, dog, bovine and orangutan based on 100% homology for the immunogen sequence. Expect reactivity with multiple splice variants of this protein. Cross reactivity with NIPBL homologues from other sources has not been determined.
Immunogen	This affinity-purified NIPBL Antibody was prepared from whole goat serum produced by repeated immunizations with a synthetic peptide corresponding to an internal region near amino acids 330-365 of Human NIPBL. (Uniprot: Q6KC79)

Product Application Details	
Applications	Western Blot, ELISA
Recommended Dilutions	Western Blot 1:500-1:3000, ELISA 1:2000-1:10000
Application Notes	This affinity purified antibody has been tested for use in ELISA and western blot. Specific conditions for reactivity should be optimized by the end user. Expect bands at 316 kDa in size corresponding to IDN3 by western blotting in the appropriate cell lysate or extract. Splice variants for this protein may show molecular weights of 304 kDa and 122 kDa.



## Images

Western Blot: NIPBL Antibody [NBP1-77974] - Detection of a band ~300 kDa corresponding to IDN3 (arrowhead) in human kidney (lane 1) and human heart (lane 2) whole cell tissue extracts. Approximately 20ug of each lysate was separated by SDS-PAGE and transferred onto nitrocellulose. After blocking the membrane was probed with the primary antibody diluted to 1:500. Use HRP conjugated Rb-a-Goat IgG [H&L] MXHu for detection.



Western Blot: NIPBL Antibody [NBP1-77974] - Shows detection of bands at ~315 kDa and ~125 kDa corresponding to isoforms of IDN3 (arrow-heads) in mouse heart whole cell tissue extract. Approximately 35 ug of lysate was separated on a 4-8% gel by SDS-PAGE and transferred onto nitrocellulose. After blocking the membrane was probed with the primary antibody diluted to 1:1,500. Reaction occurred overnight at 4h followed by washes and reaction with a 1:20,000 dilution of IRDye (TM) 800 conjugated Rb-a-Goat IgG [H&L] MXHu for 45 min at room temperature.



Western blot using Affinity Purified anti-IDN3 antibody shows detection of bands at ~315 kDa and ~125 kDa corresponding to isoforms of IDN3 (arrow-heads) in mouse heart whole cell tissue extract





### **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 NBP1-77974**

NBP1-96940	NIPBL Antibody Blocking Peptide
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](http://www.novusbio.com/guarantee)

Earn gift cards/discounts by submitting a review: [www.novusbio.com/reviews/submit/NBP1-77974](http://www.novusbio.com/reviews/submit/NBP1-77974)

Earn gift cards/discounts by submitting a publication using this product:  
[www.novusbio.com/publications](http://www.novusbio.com/publications)



