

# Product Datasheet

## Erbin Antibody - BSA Free NBP2-13968

Unit Size: 0.1 ml

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

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



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

### Publications: 2

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**NBP2-13968**

Erbin Antibody - 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           | Polyclonal   |
| Preservative        | 0.02% Sodium Azide   |
| Isotype             | IgG  |
| Purity              | Affinity purified  |
| Buffer              | PBS (pH 7.2) and 40% Glycerol  |

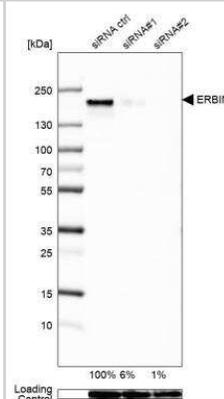
| Product Description |   |
|---------------------|---|
| Description         | Novus Biologicals Rabbit Erbin Antibody - BSA Free (NBP2-13968) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-Erbin Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| Host                | Rabbit  |
| Gene ID             | 55914   |
| Gene Symbol         | ERBIN   |
| Species             | Human   |
| Reactivity Notes    | Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (87%), Rat (84%).  |
| Immunogen           | This antibody was developed against a recombinant protein corresponding to the amino acids:<br>WHSKQNPQIDHASFPQLLPRSESTENQSYAKHSANMNFSDHNNVRANTAYH<br>LHQRLGPARHGEMWAISPNDRLIPAVTRSTIQR   |

| Product Application Details |   |
|-----------------------------|---|
| Applications                | Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Knockdown Validated  |
| Recommended Dilutions       | Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500, Knockdown Validated |
| Application Notes           | For IHC-Paraffin, HIER pH 6 retrieval is recommended. For ICC/IF Fixation/Permeabilization: PFA/Triton X-100.   |

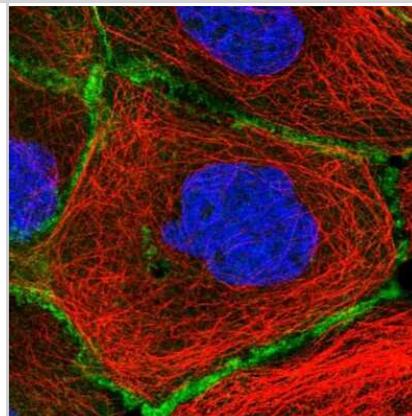


## Images

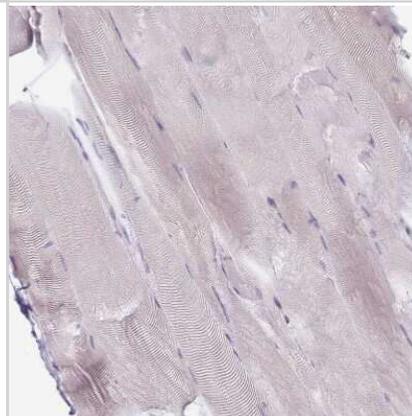
Western Blot: Erbin Antibody [NBP2-13968] - Analysis in U2OS cells transfected with control siRNA, target specific siRNA probe #1 and #2, using Anti-ERBIN antibody. Remaining relative intensity is presented. Loading control: Anti-GAPDH.



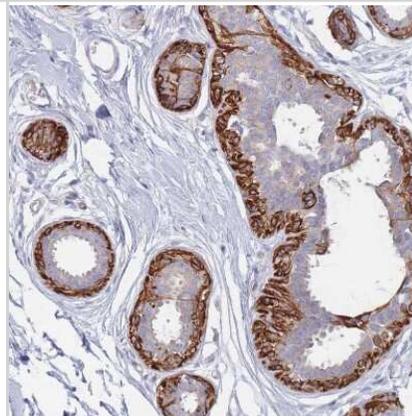
Immunocytochemistry/Immunofluorescence: Erbin Antibody [NBP2-13968] - Staining of human cell line A-431 shows localization to plasma membrane. Antibody staining is shown in green.



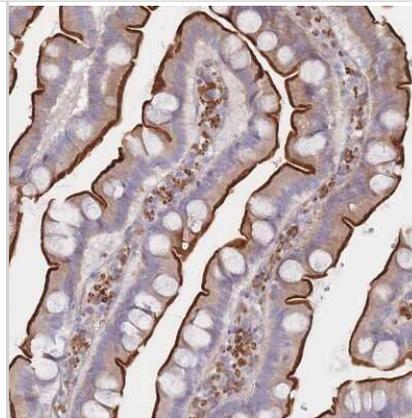
Immunohistochemistry-Paraffin: Erbin Antibody [NBP2-13968] - Staining of human skeletal muscle shows no positivity in myocytes as expected.



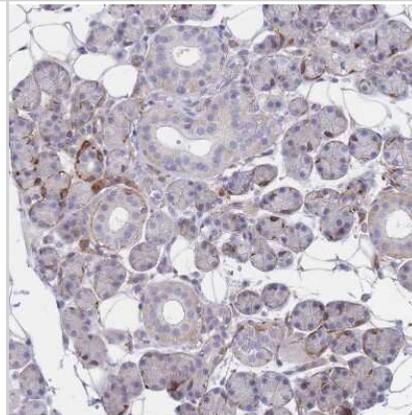
Immunohistochemistry-Paraffin: Erbin Antibody [NBP2-13968] - Staining of human breast shows strong membranous positivity in myoepithelial cells.



Immunohistochemistry-Paraffin: Erbin Antibody [NBP2-13968] - Staining of human gastrointestinal shows strong membranous positivity in glandular cells.



Immunohistochemistry-Paraffin: Erbin Antibody [NBP2-13968] - Staining of human salivary gland shows moderate membranous positivity in glandular cells.



## Publications

Yang, T;Sim, KY;Ko, GH;Ahn, JS;Kim, HJ;Park, SG; FAM167A is a key molecule to induce BCR-ABL-independent TKI resistance in CML via noncanonical NF-kappa B signaling activation Journal of experimental & clinical cancer research : CR [PMID: 35241148]

Li H, Zhou W, Li L et al. Inhibition of Neddylation Modification Sensitizes Pancreatic Cancer Cells to Gemcitabine. Neoplasia 2017-05-20 [PMID: 28535453] (IF/IHC, Human)



### **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 NBP2-13968**

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|               |   |
|---------------|---|
| NBP2-13968PEP | Erbin Recombinant Protein Antigen                   |
| NBP2-33376H   | Blue Marker Antibody (6F4-F6) [HRP]                 |
| HAF008        | Goat anti-Rabbit IgG Secondary Antibody [HRP]       |
| NB7160        | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP] |
| NBP2-24891    | Rabbit IgG Isotype Control                          |

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### **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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