

# Product Datasheet

## Ankyrin 1 Antibody NBP1-02311

Unit Size: 0.1 mg

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

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



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

### Publications: 1

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NBP1-02311](http://www.novusbio.com/NBP1-02311)

Updated 5/3/2021 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/NBP1-02311](http://www.novusbio.com/reviews/destination/NBP1-02311)



**NBP1-02311****Ankyrin 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>	286
<b>Gene Symbol</b>	ANK1
<b>Species</b>	Human, Mouse, Rat, Bovine
<b>Specificity/Sensitivity</b>	This antibody is expected to recognise isoform 3 (NP_000028.3) and isoform 5 (NP_065211.2).
<b>Immunogen</b>	Peptide with sequence C-QIVKRASLKRGKQ corresponding to C-Terminus according to NP_065208.2, NP_065209.2, NP_065210.2, NP_065211.2, NP_065213.2.
<b>Notes</b>	Please note, this antibody is considered Innovators Grade. Innovators Grade antibodies are generally unvalidated and require additional characterization for most new species/applications. Novus has made these antibodies available through our Innovators Reward program. Complete an online review with image, detailing your positive or negative results. In return, you receive a discount voucher for 100% of the purchase price of the reviewed product. Please contact us at innovators@novusbio.com for more details.

<b>Product Application Details</b>	
<b>Applications</b>	Peptide ELISA
<b>Recommended Dilutions</b>	Peptide ELISA Detection limit 1:128000
<b>Application Notes</b>	WB: Preliminary experiments gave approx. 19-23 kDa band bands in human skeletal muscle lysates after 0.01 ug/ml antibody staining. Please note that currently we cannot find an explanation in the literature for these bands we observe given the observed 28+30 kDa band bands in the literature for this tissuescientific literature (PMID: 9430667) and given the calculated size of 17.6 kDa band according to NP_065211.2. The 19-22 kDa band bands were successfully blocked by incubation with the immunizing peptide.

**Publications**

Dubreuil RR. Functional links between membrane transport and the spectrin cytoskeleton. J Membr Biol 2006-01-01 [PMID: 17091212]





### **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

### **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/NBP1-02311](http://www.novusbio.com/reviews/submit/NBP1-02311)

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

