

# Product Datasheet

## Rapsyn Antibody - BSA Free

### NBP1-85537

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: 5

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NBP1-85537](http://www.novusbio.com/NBP1-85537)

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/NBP1-85537](http://www.novusbio.com/reviews/destination/NBP1-85537)



**NBP1-85537**

Rapsyn Antibody - BSA Free

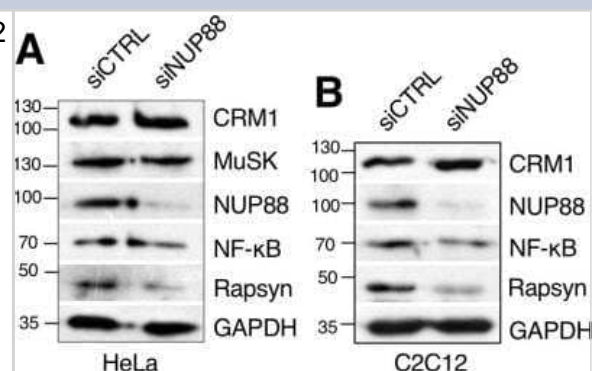
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description	
Host	Rabbit
Gene ID	5913
Gene Symbol	RAPSN
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: MECCEESMKIALQHGDRLQALCLLCFADIHRSRGDLETAFPYDSAMSIMTEI GNRLGQVQALLGVAKCWVARKALDKALDAIE

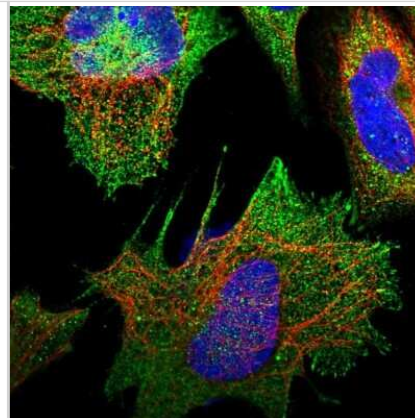
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot Reported in scientific literature (PMID: 30543681), Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:50 - 1:200
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF, Fixation Permeabilization: Use PFA/Triton X-100.

**Images**

Western Blot: Rapsyn Antibody [NBP1-85537] - (A) HeLa and (B) C2C12 cells were treated with the indicated siRNAs for 2 days and cellular lysates were subjected to Western blot analysis using Rapsyn antibody. GAPDH was used as loading control. Rapsyn protein levels are reduced in NUP88-depleted cells. Image collected and cropped by CiteAb from the following publication (<https://journals.plos.org/plosgenetics/article?id=10.1371/journal.pgen.1007845>) licensed under a CC-BY license.



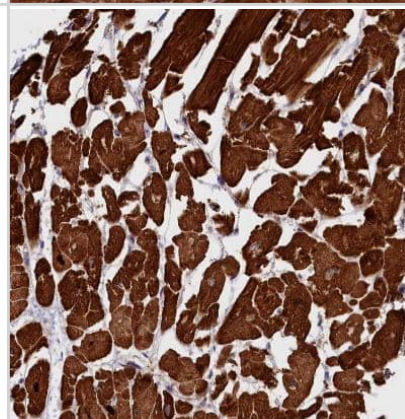
Immunocytochemistry/Immunofluorescence: Rapsyn Antibody [NBP1-85537] - Staining of human cell line U-2 OS shows localization to plasma membrane & cytosol.



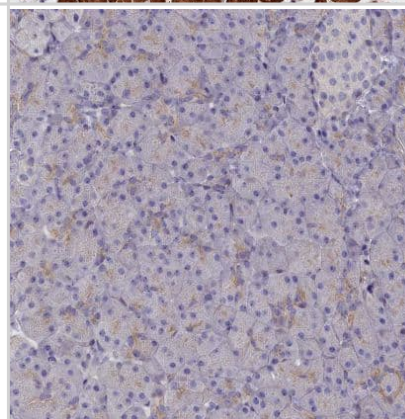
Immunohistochemistry-Paraffin: Rapsyn Antibody [NBP1-85537] - Staining of human skeletal muscle shows strong cytoplasmic positivity in myocytes.



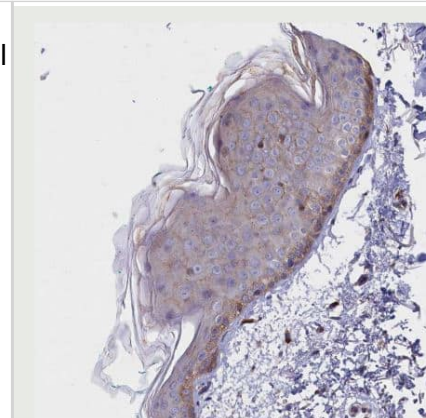
Immunohistochemistry-Paraffin: Rapsyn Antibody [NBP1-85537] - Staining of human heart muscle shows strong cytoplasmic positivity in cardiomyocytes.



Immunohistochemistry-Paraffin: Rapsyn Antibody [NBP1-85537] - Staining of human pancreas shows very weak positivity in exocrine glandular cells as expected.



Immunohistochemistry-Paraffin: Rapsyn Antibody [NBP1-85537] - Staining of human skin shows very weak positivity in squamous epithelial cells as expected.



## Publications

Ramona Jühlen, Lukas Grauer, Valérie Martinelli, Chantal Rencurel, Birthe Fahrenkrog Alteration of actin cytoskeletal organisation in fetal akinesia deformation sequence. Scientific reports 2024-01-22 [PMID: 38242956]

Jühlen R, Martinelli V, Rencurel C, Fahrenkrog B Alteration of actin cytoskeletal organisation in fetal akinesia deformation sequence bioRxiv 2023-06-12 (ICC/IF, Human)

Juhlen R, Breckpot J, Fahrenkrog B Centrosome and ciliary abnormalities in fetal akinesia deformation sequence human fibroblasts Sci Rep 2020-11-10 [PMID: 33168876]

Juhlen R, Breckpot J, Fahrenkrog B Centrosome and ciliary abnormalities in fetal akinesia deformation sequence human fibroblasts bioRxiv (ICC/IF)

Bonnin E, Cabochette P, Filosa A et al. Biallelic mutations in nucleoporin NUP88 cause lethal fetal akinesia deformation sequence PLoS Genet. [PMID: 30543681] (WB, 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 NBP1-85537**

---

NBP1-85537PEP	Rapsyn Recombinant Protein Antigen
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit 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/NBP1-85537](http://www.novusbio.com/reviews/submit/NBP1-85537)

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

