

# Product Datasheet

## AKAP9 Antibody - BSA Free

### NBP1-89166

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: 3

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NBP1-89166](http://www.novusbio.com/NBP1-89166)

Updated 12/2/2025 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/NBP1-89166](http://www.novusbio.com/reviews/destination/NBP1-89166)



**NBP1-89166**

AKAP9 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

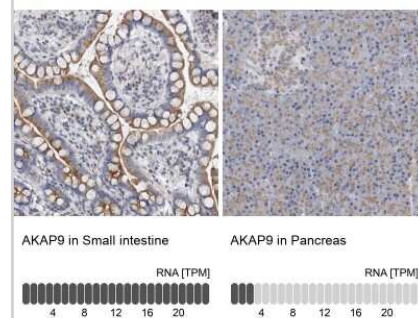
Product Description	
Description	Novus Biologicals Rabbit AKAP9 Antibody - BSA Free (NBP1-89166) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-AKAP9 Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	10142
Gene Symbol	AKAP9
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (83%), Rat (86%)
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: KLLLEAISETSSQLEHAKVTQTELMRESFRQKQEATESLKCQEELRERLHEESRA REQLAVELSKAEGVIDGYADEKTLFERQIQEKTDIIDRLEQELLCASNRLQELEA EQQQIQEERELLSRQKEAMKAEAGPVEQQLLQETE

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot Reported in scientific literature (PMID 25366663), Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

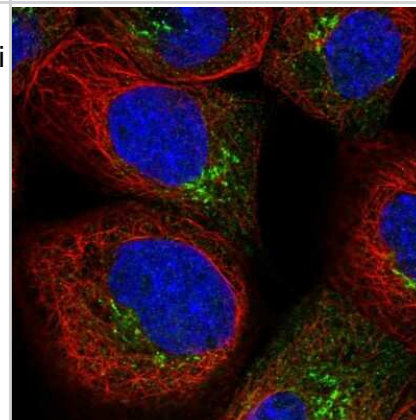


## Images

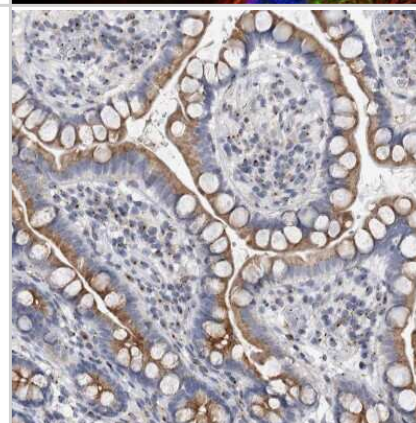
Immunohistochemistry-Paraffin: AKAP9 Antibody [NBP1-89166] - Analysis in human small intestine and pancreas tissues. Corresponding AKAP9 RNA-seq data are presented for the same tissues.



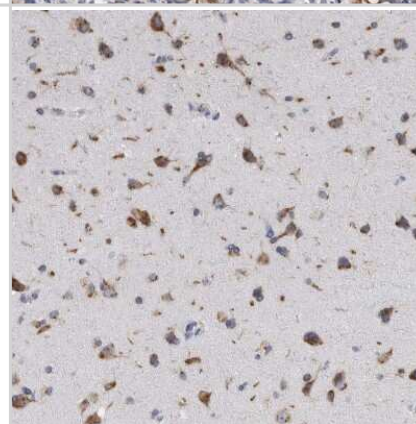
Immunocytochemistry/Immunofluorescence: AKAP9 Antibody [NBP1-89166] - Staining of human cell line A-431 shows localization to the Golgi apparatus. Antibody staining is shown in green.



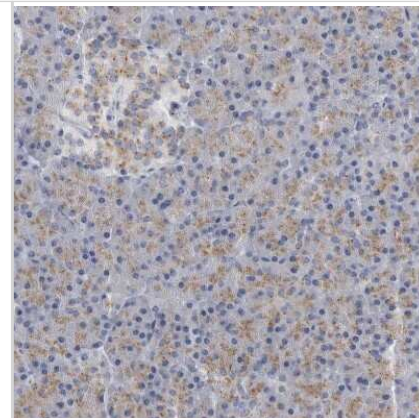
Immunohistochemistry-Paraffin: AKAP9 Antibody [NBP1-89166] - Staining of human small intestine shows moderate cytoplasmic positivity in glandular cells.



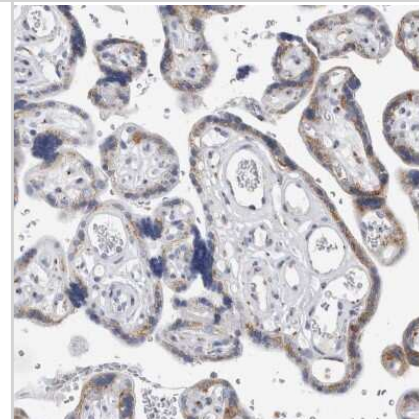
Immunohistochemistry-Paraffin: AKAP9 Antibody [NBP1-89166] - Staining of human cerebral cortex shows moderate granular positivity in cytoplasm granular in neurons.



Immunohistochemistry-Paraffin: AKAP9 Antibody [NBP1-89166] - Staining of human pancreas shows weak cytoplasmic granular positivity in exocrine glandular cells.



Immunohistochemistry-Paraffin: AKAP9 Antibody [NBP1-89166] - Staining of human placenta shows moderate granular positivity in cytoplasm in trophoblastic cells.



## Publications

Vinopal S, Dupraz S, Alfadil E et al. Centrosomal microtubule nucleation regulates radial migration of projection neurons independently of polarization in the developing brain *Neuron* 2023-02-09 [PMID: 36796357] (Immunocytochemistry/ Immunofluorescence, Rat)

Oldenburger Anouk, Poppinga Wilfred J, Kos Fleur et al. A-kinase anchoring proteins contribute to loss of E-cadherin and bronchial epithelial barrier by cigarette smoke. *Am J Physiol Cell Physiol*. 2014-03-15 [PMID: 24452374] (IF/IHC)

Sato Y, Hayashi K, Amano Y et al. MTCL1 crosslinks and stabilizes non-centrosomal microtubules on the Golgi membrane *Nat Commun et al.* 2014-11-04 [PMID: 25366663] (ICC/IF, WB, 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 NBP1-89166**

---

NBP1-89166PEP	AKAP9 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

---

### **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/NBP1-89166](http://www.novusbio.com/reviews/submit/NBP1-89166)

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

