

# Product Datasheet

## APP Antibody - BSA Free NBP1-76910

Unit Size: 0.1 mg

Store at 4C.

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



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

### Publications: 4

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NBP1-76910](http://www.novusbio.com/NBP1-76910)

Updated 10/23/2024 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/NBP1-76910](http://www.novusbio.com/reviews/destination/NBP1-76910)



**NBP1-76910**

APP Antibody - BSA Free

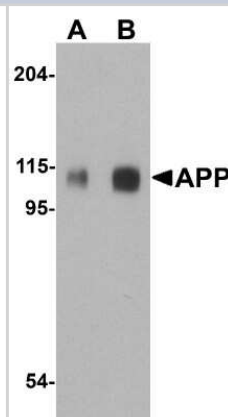
Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Peptide affinity purified
Buffer	PBS
Target Molecular Weight	110 kDa

Product Description	
Host	Rabbit
Gene ID	351
Gene Symbol	APP
Species	Human, Mouse, Rat
Immunogen	Antibody was raised against a 15 amino acid peptide near the carboxy terminus of human APP. The immunogen is located within the last 50 amino acids of APP. Amino Acid Sequence: GYENPTYKFFEQMQN

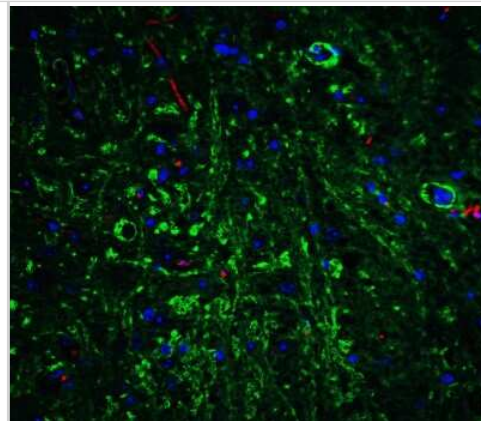
Product Application Details	
Applications	Western Blot, Dot Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.5-1 ug/ml, ELISA 1:100-1:2000, Immunohistochemistry 2 ug/ml, Immunocytochemistry/ Immunofluorescence 20 ug/mL., Immunohistochemistry-Paraffin 2 ug/ml, Dot Blot
Application Notes	Use in Dot Blot reported in scientific literature (PMID:32732283)

**Images**

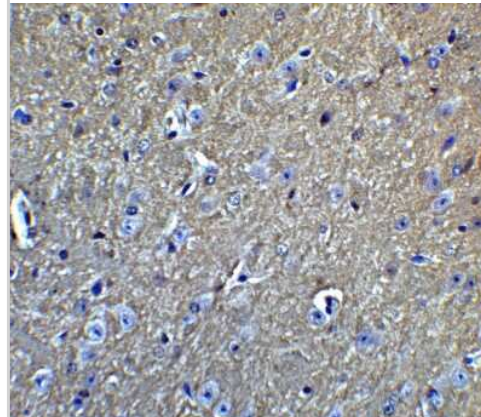
Western Blot: APP Antibody [NBP1-76910] - Analysis of APP in mouse brain tissue lysate with APP antibody at (A) 0.5 and (B) 1 ug/ml.



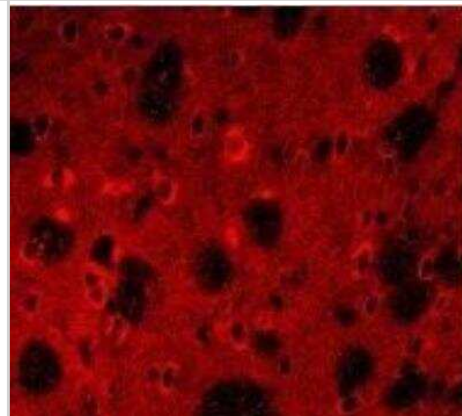
Immunocytochemistry/Immunofluorescence: APP Antibody [NBP1-76910] - Staining of APP in mouse brain tissue with APP Antibody at 20 ug/mL.



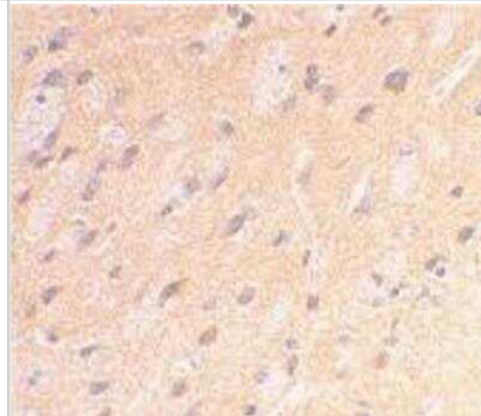
Immunohistochemistry-Paraffin: APP Antibody [NBP1-76910] - Staining of APP in mouse brain tissue with at 5 ug/mL.



Immunocytochemistry/Immunofluorescence: APP Antibody [NBP1-76910] - Rat Brain cells with APP antibody at 20 ug/mL.



Immunohistochemistry-Paraffin: APP Antibody [NBP1-76910] - Rat brain using APP antibody at 2 ug/ml.



## Publications

Wang X, Zhu Yt, Zhu Y Et Al. Long-term running exercise alleviates cognitive dysfunction in APP/PSEN1 transgenic mice via enhancing brain lysosomal function *Acta pharmacologica Sinica* 2021-07-16 [PMID: 34272505] (WB)

Ditiatkovski M, Mukhamedova N, Dragoljevic D et al. Modification of lipid rafts by extracellular vesicles carrying HIV-1 protein Nef induces redistribution of APP and Tau causing neuronal dysfunction *J. Biol. Chem.* 2020-07-30 [PMID: 32732283] (WB, Cytometric Bead Assay Standard, Human, Mouse)

Sharma S, Saini R, Sharma P et al. Maintenance of amyloid-beta homeostasis by carbenoxolone post A beta-42 oligomer injection in rat brain *Neuroscience* 2020-01-01 [PMID: 32061781] (WB, Rat)

Details:  
Sprague-Dawley rats

Sunkaria A, Yadav A, Bhardwaj S, Sandhir R. Postnatal proteasome inhibition promotes amyloid-b aggregation in hippocampal neurons and impairs spatial learning in adult mice. *Neuroscience.* 2017-10-25 [PMID: 29080716] (Mouse)





### **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 NBP1-76910**

---

NBP1-76910PEP	APP Antibody Blocking Peptide
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/NBP1-76910](http://www.novusbio.com/reviews/submit/NBP1-76910)

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

