

# Product Datasheet

## Ankyrin 3 Antibody (N106/36) - Chimeric - BSA Free NBP3-52340-100ul

Unit Size: 100 ul

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

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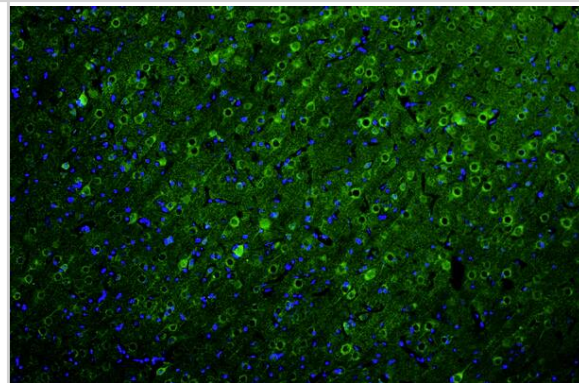
**NBP3-52340-100ul**

Ankyrin 3 Antibody (N106/36) - Chimeric - BSA Free

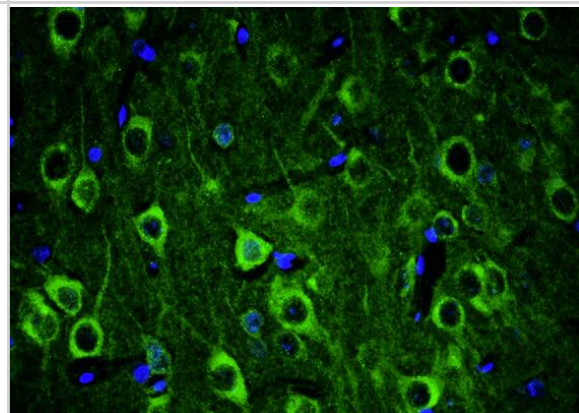
<b>Product Information</b>	
<b>Unit Size</b>	100 ul
<b>Concentration</b>	1 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	N106/36
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgY
<b>Purity</b>	Affinity purified
<b>Buffer</b>	1X PBS (pH 7.4)
<b>Product Description</b>	
<b>Description</b>	This recombinant antibody is a chimeric antibody created by replacing the mouse heavy and light constant regions of clone N106/36 with chicken IgY heavy and light constant regions. As such this antibody retains the same binding performance as the original clone N106/36 but can be detected using standard anti-chicken secondary antibodies allowing flexibility for multiplexing applications. This antibody is expressed recombinantly in HEK293 cells and then affinity purified from the cell culture media.
<b>Host</b>	Chicken
<b>Gene ID</b>	288
<b>Gene Symbol</b>	ANK3
<b>Species</b>	Human, Mouse, Rat, Feline, Hamster, Primate
<b>Specificity/Sensitivity</b>	Does not cross-react with Ankyrin-B
<b>Immunogen</b>	Fusion protein ~1000 amino acids of Ankyrin 3 (Uniprot#: E9PE32) produced recombinantly in E. Coli
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/Immunofluorescence, Immunoprecipitation
<b>Recommended Dilutions</b>	Western Blot 1:1000, ELISA, Immunocytochemistry/ Immunofluorescence 1:500, Immunoprecipitation, Immunohistochemistry-Paraffin 1:500

## Images

Representative section of formalin fixed, paraffin-embedded rat brain cerebral cortex showing neurons stained by NBP3-52340. DAPI nuclear stain (blue) shows cell nuclei. This antibody specifically stains the neuronal cell body and axon initial segment (AIS) in the cerebral cortex. Magnification 100X.



Representative section of formalin fixed, paraffin-embedded rat brain cerebral cortex showing neurons stained by NBP3-52340. DAPI nuclear stain (blue) shows cell nuclei. This antibody specifically stains the neuronal cell body and axon initial segment (AIS) in the cerebral cortex. Magnification 400X.





### **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 NBP3-52340-100ul**

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BAF010	Goat anti-Chicken IgY Secondary Antibody [Biotin]
NB7276	Goat anti-Chicken IgM Heavy Chain Secondary Antibody
H00006326-Q01-10ug	Recombinant Human SCN2A GST (N-Term) Protein
AF3235	Neurofascin Antibody

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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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