

# Product Datasheet

## Bassoon Antibody (L124/59) - Chimeric - BSA Free NBP3-52352-100ul

Unit Size: 100 ul

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

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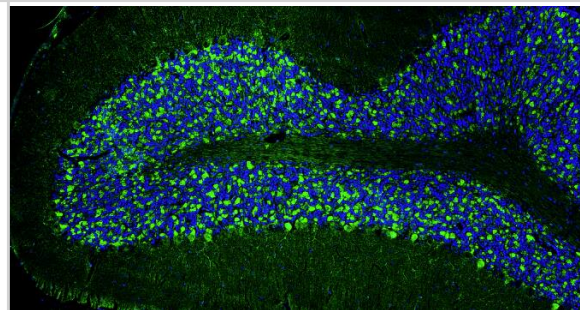
**NBP3-52352-100ul**

Bassoon Antibody (L124/59) - Chimeric - BSA Free

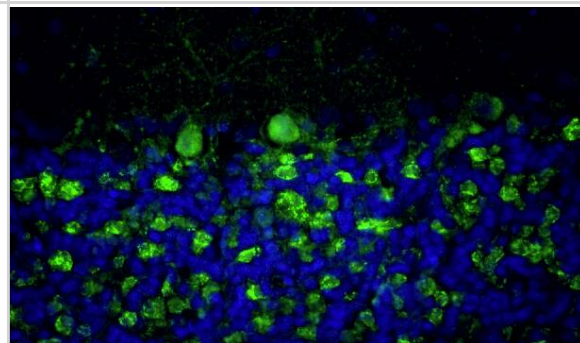
Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	L124/59
Preservative	0.05% Sodium Azide
Isotype	IgY
Purity	Affinity purified
Buffer	1X PBS (pH 7.4)
Product Description	
Description	This recombinant antibody is a chimeric antibody created by replacing the mouse heavy and light constant regions of clone L124/59 with chicken IgY heavy and light constant regions. As such this antibody retains the same binding performance as the original clone L124/59 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.
Host	Chicken
Gene ID	8927
Gene Symbol	BSN
Species	Mouse, Rat
Immunogen	Fusion protein amino acids 157-517 (zinc finger domains) of rat Bassoon (Uniprot#: O88778) produced recombinantly in E. Coli
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 1:500-1:1000, ELISA, Immunocytochemistry/ Immunofluorescence 1:100, Immunohistochemistry-Paraffin 1:100
Application Notes	400 kDa for full-length protein, many smaller bands possible depending on sample used

## Images

Representative section of formalin fixed, paraffin-embedded rat brain cerebellum region stained with NBP3-52352 at 1:100 dilution. DAPI nuclear stain (blue) shows cell nuclei. This antibody stains the presynaptic sites on Purkinje cell dendrites in the molecular layer of the cerebellum. Magnification 100X.



Representative section of formalin fixed, paraffin-embedded rat brain cerebellum region stained with NBP3-52352 at 1:100 dilution. DAPI nuclear stain (blue) shows cell nuclei. This antibody stains the presynaptic sites on Purkinje cell dendrites in the molecular layer of the cerebellum. 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 NBP3-52352-100ul**

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BAF010	Goat anti-Chicken IgY Secondary Antibody [Biotin]
NB7276	Goat anti-Chicken IgM Heavy Chain Secondary Antibody
DBD00	BDNF [HRP]
NB300-653SS	Synaptophysin 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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