

Product Datasheet

alpha-Synuclein Antibody - BSA Free NBP2-25146

Unit Size: 0.1 ml

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

www.novusbio.com



technical@novusbio.com

Reviews: 1

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP2-25146

Updated 2/26/2026 v.20.1

**Earn rewards for product
reviews and publications.**

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/NBP2-25146



NBP2-25146

alpha-Synuclein Antibody - BSA Free

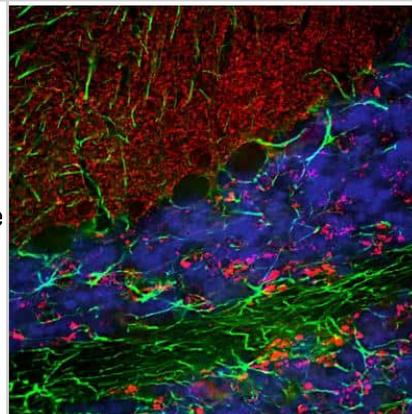
Product Information	
Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.035% Sodium Azide
Isotype	IgY
Purity	IgY purified
Buffer	Supplied as a concentrated total IgY preparation from egg yolk, dialyzed against PBS with added preservative.
Target Molecular Weight	15 kDa

Product Description	
Description	<p>This antibody is supplied as a concentrated total IgY preparation derived from egg yolk. Production involves an initial organic extraction to remove lipids and lipoproteins, followed by salt fractionation of the aqueous phase to precipitate and enrich the IgY fraction. The material is then extensively dialyzed against PBS, and preservative is added during final formulation.</p> <p>Please note that the exact concentration of target-specific IgY cannot be determined, as the final preparation contains both antigen-specific IgY and non-immune IgY.</p>
Host	Chicken
Gene ID	6622
Gene Symbol	SNCA
Species	Human, Mouse, Rat, Porcine, Bovine, Equine
Immunogen	This alpha-Synuclein Antibody was developed against Full length recombinant human alpha-Synuclein with the epitope from amino acids 61-95.
Notes	Chicken products cannot be exported to Canada.

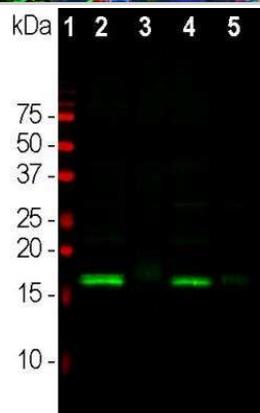
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry Free-Floating
Recommended Dilutions	Western Blot 1:2000, Immunohistochemistry 1:1000, Immunocytochemistry/ Immunofluorescence 1:1000, Immunohistochemistry Free-Floating 1:1000
Application Notes	This alpha-Synuclein antibody is useful for Immunocytochemistry/Immunofluorescence and Western Blot, where a band can be seen at ~15 kDa.

Images

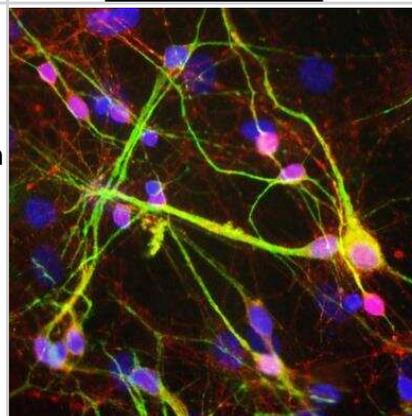
Immunohistochemistry: alpha-Synuclein Antibody [NBP2-25146] - Immunofluorescent analysis of a section of rat cerebellum stained with chicken pAb to alpha-synuclein, NBP2-25146, dilution 1:3,000 in red, and costained with rabbit pAb to GFAP, dilution 1:5,000 in green. The blue is DAPI staining of nuclear DNA. Following transcardial perfusion of rat with 4% paraformaldehyde, brain was post fixed for 24 hours, cut to 45uM, and free-floating sections were stained with above antibodies. The alpha-synuclein protein is concentrated in presynaptic regions in the granular and molecular layers, while GFAP antibody stains the network of Bergmann and astroglial cells.



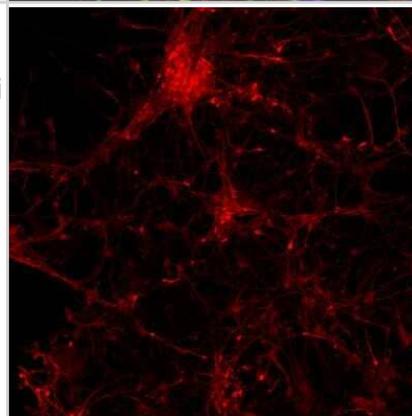
Western Blot: alpha-Synuclein Antibody [NBP2-25146] - Western blot analysis of different tissue lysates using chicken pAb to alpha-synuclein, NBP2-25146, dilution 1:2,000 in green: [1] protein standard (red), [2] rat brain, [3] rat spinal cord, [4] mouse brain, [5] mouse spinal cord. The strong band at about 15kDa corresponds to the alpha-synuclein protein in brain extracts, which are rich in synapses, while a weaker band is seen in spinal cord extracts where synapses are a more minor component.



Immunocytochemistry/Immunofluorescence: Synuclein-alpha Antibody [NBP2-25146] - Mixed rat neuron-glia cultures stained with NBP2-25146, polyclonal antibody to alpha-Synuclein (red) and monoclonal antibody to MAP2 (NBP2-25156, green). The alpha-Synuclein antibody stains vesicular structures, the perikarya and processes of the neurons in this image. Note that some of the neuronal perikarya contain much more alpha-Synuclein than others. The blue channel shows the localization of DNA.



Immunocytochemistry/Immunofluorescence: alpha-Synuclein Antibody [NBP2-25146] - Human iPS derived neurons, fixed in 4% formaldehyde solution. NBP2-25146 diluted 1:1500, followed by staining with Alexa anti chicken-594 (1:1000) secondary antibody. All antibodies were diluted in PBS/BSA 3% (w/v) Triton X-100 0,3 % (v/v). Images taken by an Arrayscan (Cellomics). Image from verified customer review.





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 NBP2-25146

BAF010	Goat anti-Chicken IgY Secondary Antibody [Biotin]
NB7276	Goat anti-Chicken IgM Heavy Chain Secondary Antibody
NBP2-54789-100ug	Recombinant Human alpha-Synuclein Active, Pre-formed Fibrils, (Type 1) Protein
NBP2-54787-0.1mg	Recombinant Human alpha-Synuclein Active, Pre-formed Fibrils, (Type 2) Protein

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

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NBP2-25146

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications



