

Product Datasheet

Choline Acetyltransferase/ChAT Antibody NB110-89724

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

Publications: 3

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NB110-89724

Updated 10/23/2024 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/NB110-89724



NB110-89724**Choline Acetyltransferase/ChAT Antibody**

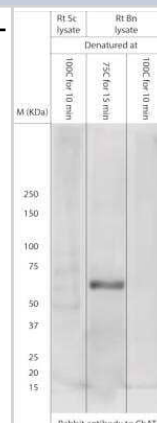
Product Information	
Unit Size	0.1 ml
Concentration	This product is unpurified. The exact concentration of antibody is not quantifiable.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	No Preservative
Reconstitution Instructions	Reconstitute in 0.1 ml of sterile water. Centrifuge to remove any insoluble material. Glycerol may be added (1:1) for additional stability. Please note the sample size is provided in reconstituted format.
Isotype	IgG
Purity	Unpurified
Buffer	Lyophilized from whole antisera

Product Description	
Host	Rabbit
Gene ID	1103
Gene Symbol	CHAT
Species	Mouse, Rat
Marker	Cholinergic Neuronal Marker
Immunogen	A synthetic peptide from mouse Choline Acetyltransferase/ChAT conjugated to blue carrier protein was used as the antigen.

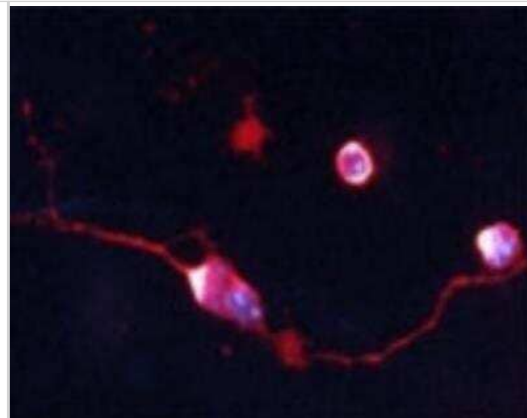
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunohistochemistry Free-Floating
Recommended Dilutions	Western Blot 1:500, Immunohistochemistry 1:500, Immunocytochemistry/ Immunofluorescence 1:2000, Immunohistochemistry-Paraffin 1:500, Immunohistochemistry Free-Floating 1:500
Application Notes	This antibody is currently not validating in Immunohistochemistry-Frozen.

Images

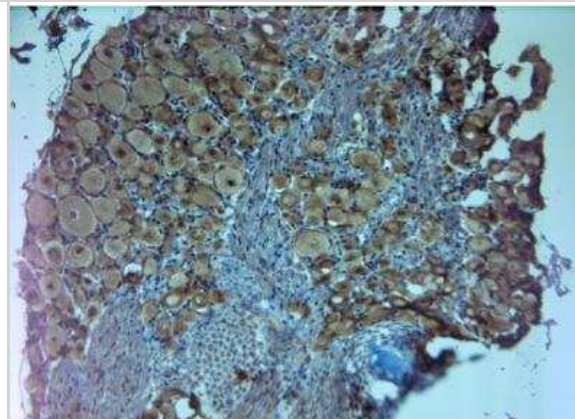
Western Blot: Choline Acetyltransferase/ChAT Antibody [NB110-89724] - Effect of denaturing temperature on Western blot on brain lysates using Rabbit antibody to ChAT.



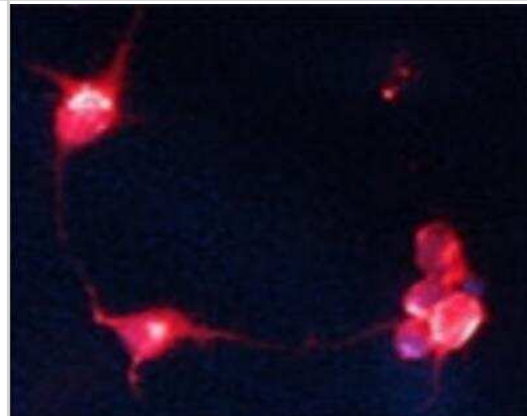
Immunocytochemistry/Immunofluorescence: Choline Acetyltransferase/ChAT Antibody [NB110-89724] - IF on 1 day- old mouse cortical cell culture using Rabbit antibody to rat, mouse ChAT (choline O-acetyltransferase): whole serum at 1:2000 dilution. DAPI counter stained.



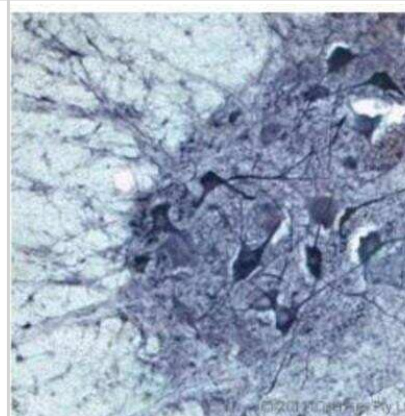
Immunohistochemistry-Paraffin: Choline Acetyltransferase/ChAT Antibody [NB110-89724] - IHC on paraffin sections of rat DRG using Rabbit antibody to ChAT.



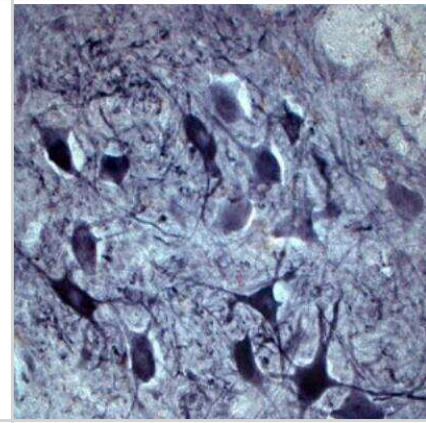
Immunocytochemistry/Immunofluorescence: Choline Acetyltransferase/ChAT Antibody [NB110-89724] - IF on 1 day- old mouse cortical cell culture using Rabbit antibody to rat, mouse ChAT (choline O-acetyltransferase): whole serum at 1:2000 dilution. DAPI counter stained.



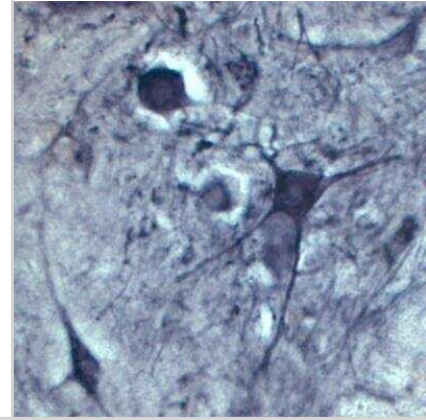
Immunohistochemistry Free-Floating: Choline Acetyltransferase/ChAT Antibody [NB110-89724] - IHC on rat spinal cord (free floating sections) at 1:1000 dilution using Rabbit antibody to c-terminal region of ChAT (choline O-acetyltransferase): whole serum (NB110-89724).



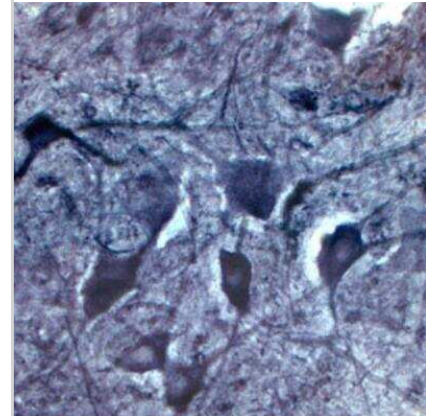
Immunohistochemistry Free-Floating: Choline Acetyltransferase/ChAT Antibody [NB110-89724] - IHC on rat spinal cord using Rabbit antibody to rat, mouse ChAT (choline O-acetyltransferase): whole serum at 1:2000 dilution. Pre-absorption of the antibody with the immunising peptide completely abolishes the immunostaining (not shown).



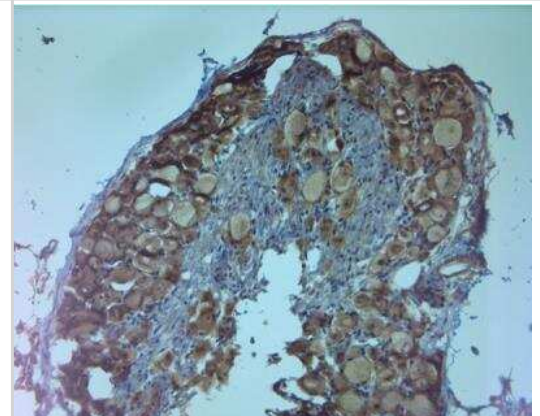
Immunohistochemistry Free-Floating: Choline Acetyltransferase/ChAT Antibody [NB110-89724] - IHC on rat spinal cord using Rabbit antibody to rat, mouse ChAT (choline O-acetyltransferase): whole serum at 1:2000 dilution. Pre-absorption of the antibody with the immunising peptide completely abolishes the immunostaining (not shown).



Immunohistochemistry Free-Floating: Choline Acetyltransferase/ChAT Antibody [NB110-89724] - IHC on rat spinal cord using Rabbit antibody to rat, mouse ChAT (choline O-acetyltransferase): whole serum at 1:2000 dilution. Pre-absorption of the antibody with the immunising peptide completely abolishes the immunostaining (not shown).



Immunohistochemistry-Paraffin: Choline Acetyltransferase/ChAT Antibody [NB110-89724] - IHC on paraffin sections of rat DRG using Rabbit antibody to ChAT.



Publications

Hatanaka F, Suzuki K, Shojima K et al. Therapeutic strategy for spinal muscular atrophy by combining gene supplementation and genome editing bioRxiv 2023-04-07 (Immunohistochemistry, Mouse)

Lang SC, Harre U, Purohit P et al. Neurodegeneration Enhances the Development of Arthritis. J. Immunol. 2017-02-10 [PMID: 28188247] (IF/IHC, Mouse)

Schizas N, Rojas R, Kootala S et al. Hyaluronic acid-based hydrogel enhances neuronal survival in spinal cord slice cultures from postnatal mice. J Biomater Appl 2013-05-14 [PMID: 23674184] (IF/IHC, 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 NB110-89724

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00001103-Q01-10ug	Recombinant Human Choline Acetyltransferase/ChAT GST (N-Term) 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/NB110-89724

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

