

Product Datasheet

ADAR Antibody (CL0176) - BSA Free NBP3-05500-100ul

Unit Size: 100 ul

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

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Publications: 1

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NBP3-05500-100ul

ADAR Antibody (CL0176) - BSA Free

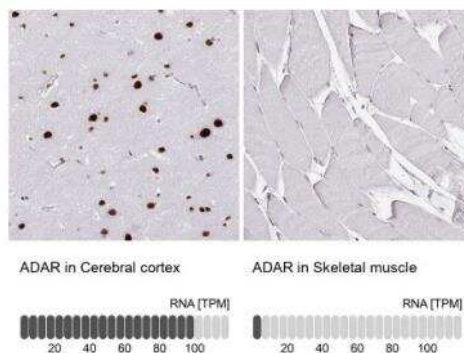
Product Information	
Unit Size	100 ul
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CL0176
Preservative	0.02% Sodium Azide
Isotype	IgG1
Purity	Protein A purified
Buffer	PBS, pH 7.2, containing 40% glycerol

Product Description	
Host	Mouse
Gene ID	103
Gene Symbol	ADAR
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (86%), Rat (85%)
Immunogen	This antibody was developed using a recombinant protein derived from P55265, with the exact immunogen sequence remaining proprietary.

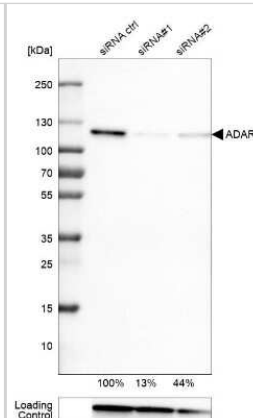
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1 ug/ml, Immunohistochemistry 1:500 - 1:1000, Immunocytochemistry/ Immunofluorescence 2-10 ug/ml, Immunohistochemistry-Paraffin 1:500 - 1:1000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. For ICC/IF fixation permeabilization use PFA/Triton X-100.

Images

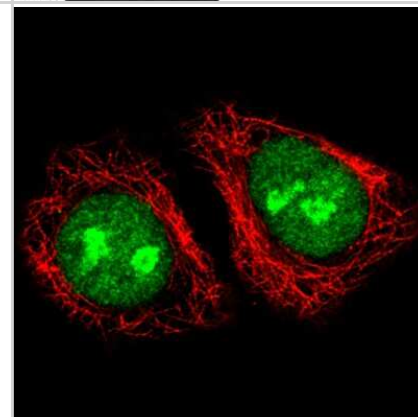
Immunohistochemistry-Paraffin: ADAR Antibody (CL0176) [NBP3-05500]
- Analysis in human cerebral cortex and skeletal muscle tissues using NBP3-05500 antibody. Corresponding ADAR RNA-seq data are presented for the same tissues.



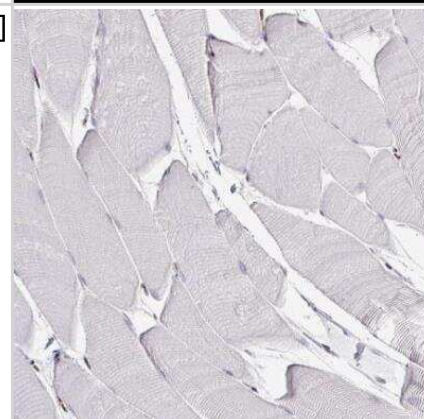
Western Blot: ADAR Antibody (CL0176) [NBP3-05500] - Analysis in U-251MG cells transfected with control siRNA, target specific siRNA probe #1 and #2, using Anti-ADAR antibody. Remaining relative intensity is presented. Loading control: Anti-GAPDH.



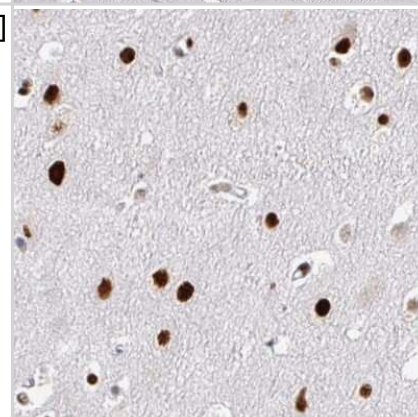
Immunocytochemistry/Immunofluorescence: ADAR Antibody (CL0176) [NBP3-05500] - Staining of A549 cells using the Anti-ADAR monoclonal antibody, showing specific staining in the nucleoplasm and nucleoli in green. Microtubule- and nuclear probes are visualized in red and blue, respectively (where available).



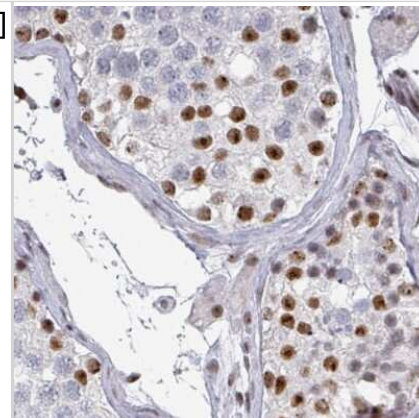
Immunohistochemistry-Paraffin: ADAR Antibody (CL0176) [NBP3-05500] - Staining of human skeletal muscle shows no positivity in myocytes as expected.



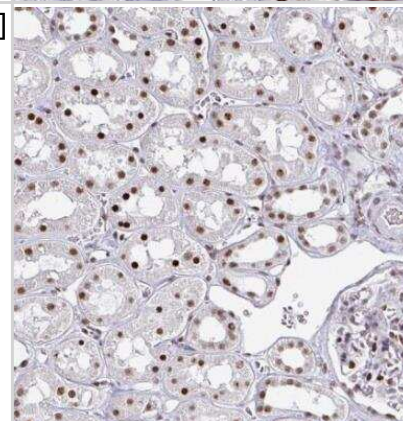
Immunohistochemistry-Paraffin: ADAR Antibody (CL0176) [NBP3-05500] - Staining of human cerebral cortex shows nuclear positivity.



Immunohistochemistry-Paraffin: ADAR Antibody (CL0176) [NBP3-05500]
- Staining of human testis shows nuclear positivity.



Immunohistochemistry-Paraffin: ADAR Antibody (CL0176) [NBP3-05500]
- Staining of human kidney shows strong nuclear positivity in cells in tubules.



Publications

Cali M. McEntee, Alyssa N. Cavalier, Thomas J. LaRocca ADAR1 suppression causes interferon signaling and transposable element transcript accumulation in human astrocytes *Frontiers in Molecular Neuroscience* 2023-10-25 [PMID: 38035265]



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 NBP3-05500-100ul

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
NBP3-05500PEP	ADAR Recombinant Protein Antigen

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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