

Product Datasheet

ADAR Antibody NBP1-90242

Unit Size: 100 ul

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

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NBP1-90242**ADAR Antibody****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	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description

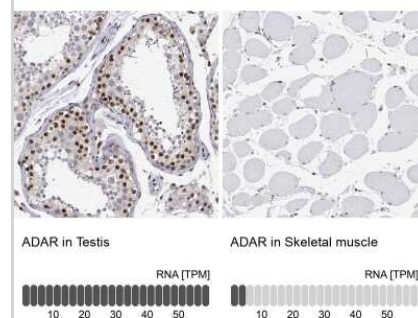
Host	Rabbit
Gene ID	103
Gene Symbol	ADAR
Species	Human
Reactivity Notes	Mouse (86%), Rat (85%).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids:SDNQPEGMISESLDNLESMPNPKVRKIGELVRYLNTNPVGGGLLEYARSHGFAAEFKLVDQSGPPHEPKFVYQAKVGGRWFPVCAHSSKKQKGQEAADAALRVLIGENEKAERMGFTEVTPVTGASLRRTMLLSRSPEA

Product Application Details

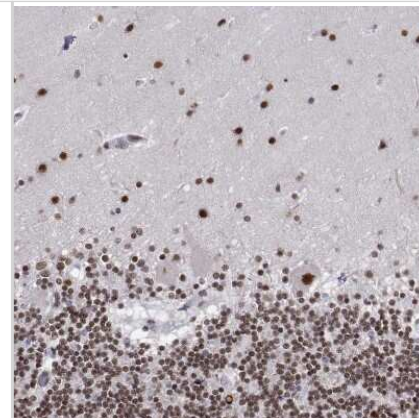
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Knockdown Validated
Recommended Dilutions	Western Blot 0.04 - 0.4 ug/ml, Immunohistochemistry 1:500-1:1000, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500, Knockdown Validated
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. Immunocytochemistry/Immunofluorescence Fixation Permeabilization: PFA/Triton X-100

Images

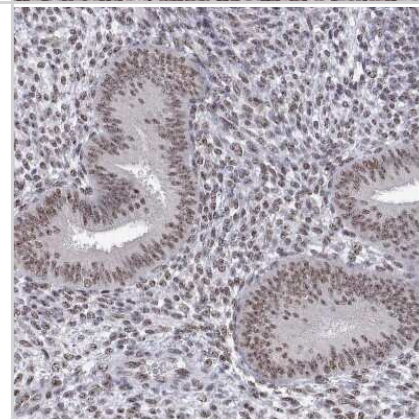
Immunohistochemistry-Paraffin: ADAR Antibody [NBP1-90242] - Staining in human testis and skeletal muscle tissues using NBP1-90242 antibody. Corresponding ADAR RNA-seq data are presented for the same tissues.



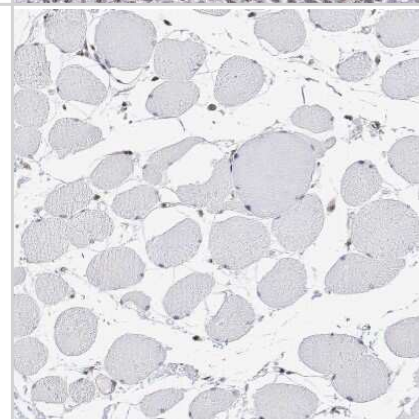
Immunohistochemistry-Paraffin: ADAR Antibody [NBP1-90242] - Staining of human cerebellum shows strong nuclear positivity in all layers.



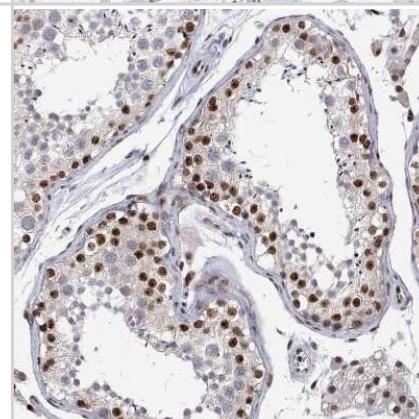
Immunohistochemistry-Paraffin: ADAR Antibody [NBP1-90242] - Staining of human endometrium shows moderate nuclear positivity in glandular cells.



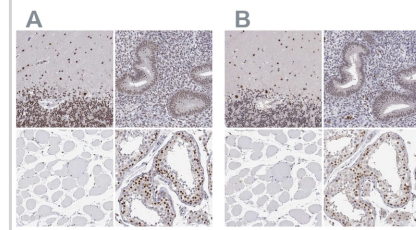
Immunohistochemistry-Paraffin: ADAR Antibody [NBP1-90242] - Staining of human skeletal muscle shows no positivity in myocytes as expected.



Immunohistochemistry-Paraffin: ADAR Antibody [NBP1-90242] - Staining of human testis shows moderate to strong nuclear positivity in a subset of cells in seminiferous ducts.



Staining of human cerebellum, endometrium, skeletal muscle and testis using NBP1-90242 (A) shows similar protein distribution across tissues to independent antibody NBP3-05523 (B).



Publications

Nachmani D, Zimmermann A, Oiknine Djian E et al. MicroRNA Editing Facilitates Immune Elimination of HCMV Infected Cells. PLoS Pathog 2014-02-01 [PMID: 24586166]

Witman NM, Behm M, Ohman M, Morrison JI. ADAR-related activation of adenosine-to-inosine RNA editing during regeneration. Stem Cells Dev 2013-08-15 [PMID: 23534823]

Rice GI, Kasher PR, Forte GM et al. Mutations in ADAR1 cause Aicardi-Goutieres syndrome associated with a type I interferon signature. Nat Genet 2012-11-01 [PMID: 23001123]



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 NBP1-90242

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
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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