

Product Datasheet

ATRX Antibody - BSA Free

NBP1-83077

Unit Size: 0.1 ml

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

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NBP1-83077

ATRX Antibody - BSA Free

Product Information	
Unit Size	0.1 ml
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	Affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

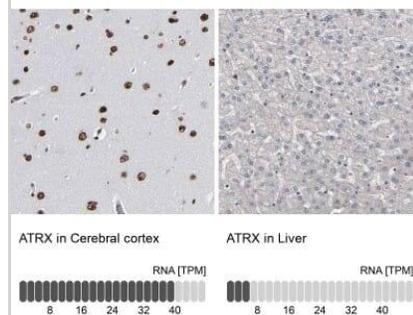
Product Description	
Description	Novus Biologicals Rabbit ATRX Antibody - BSA Free (NBP1-83077) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-ATRX Antibody: Cited in 25 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	546
Gene Symbol	ATRX
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: AAWAEYEAEEKKGLTMRFNIPGTNLPPVFSNSQTPYIPFNLGALSAMSNQQLE DLINQGREKVVEATNSVTAVRIQPLEDIISAVWKENMNLSEAQVQALALSRQAS QELDVKRREAIYNDVLTQKQMLISCVQRILMNRR

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 1:500 - 1:1000, Knockdown Validated
Application Notes	IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF, Fixation/Permeabilization: PFA/Triton X-100

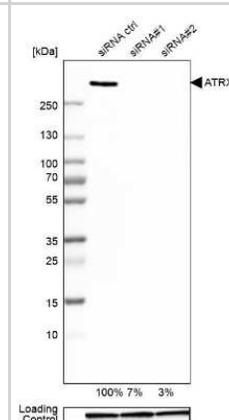


Images

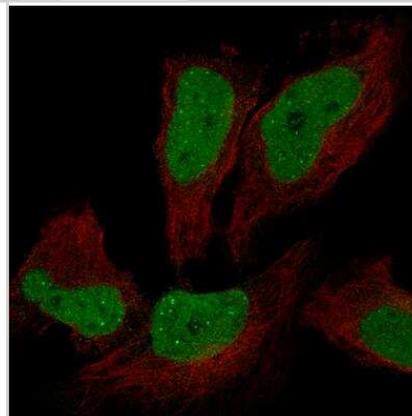
Immunohistochemistry-Paraffin: ATRX Antibody [NBP1-83077] - Staining in human cerebral cortex and liver tissues . Corresponding ATRX RNA-seq data are presented for the same tissues.



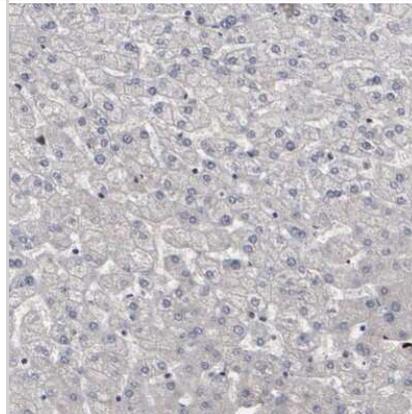
Western Blot: ATRX Antibody [NBP1-83077] - Analysis in A-549 cells transfected with control siRNA, target specific siRNA probe #1 and #2, using anti-ATRX antibody. Remaining relative intensity is presented. Loading control: anti-GAPDH.



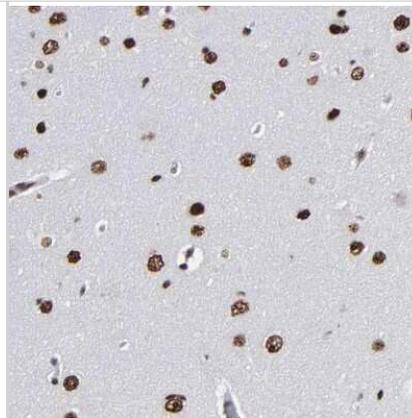
Immunocytochemistry/Immunofluorescence: ATRX Antibody [NBP1-83077] - Staining of human cell line A549 shows localization to nucleoplasm and nuclear bodies. Antibody staining is shown in green.



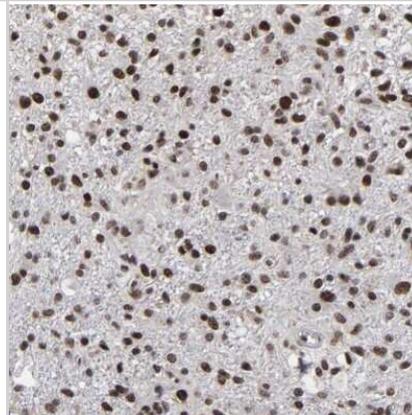
Immunohistochemistry-Paraffin: ATRX Antibody [NBP1-83077] - Staining of human liver shows no positivity in hepatocytes as expected.



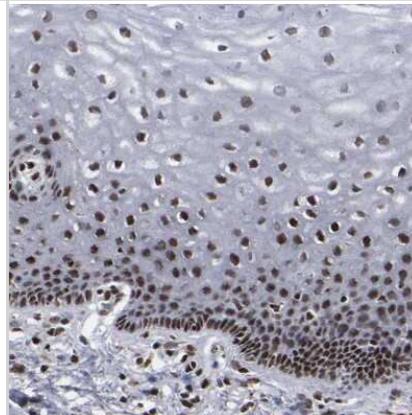
Immunohistochemistry-Paraffin: ATRX Antibody [NBP1-83077] - Staining of human cerebral cortex shows moderate nuclear positivity in neurons and glial cells.



Immunohistochemistry-Paraffin: ATRX Antibody [NBP1-83077] - Staining of human glioma shows moderate to strong nuclear positivity in tumor cells.



Immunohistochemistry-Paraffin: ATRX Antibody [NBP1-83077] - Staining of human uterine cervix shows moderate to strong nuclear positivity in squamous epithelial cells.



Publications

Minniti G, Paolini S, Antonelli M et al. Long-term treatment outcomes of temozolomide-based chemoradiation in patients with adult-type diffuse IDH-mutant grade 2 astrocytoma J Neurooncol 2023-09-04 [PMID: 37665475]

Familiari P, Relucenti M, Lapolla P et al. Adult IDH Wild-Type Glioblastoma Ultrastructural Investigation Suggests a Possible Correlation between Morphological Biomarkers and Ki-67 Index Biomedicines 2023-07-12 [PMID: 37509607] (IHC, Human)

Familiari P, Lapolla P, Picotti V et al. Role of 1p/19q Codeletion in Diffuse Low-grade Glioma Tumour Prognosis Anticancer research 2023-06-01 [PMID: 37247932] (Immunohistochemistry-Paraffin, Human)

Zhang PP, He ZC, Yao XH et al. COVID-19-associated monocytic encephalitis (CAME): histological and proteomic evidence from autopsy Signal transduction and targeted therapy 2023-01-06 [PMID: 36609561] (IHC-P, Human)

Details:

COVID-19 Brain sections, dilution used 1:1000

Alzoubi H, Minasi S, Gianni F et al. Alternative Lengthening of Telomeres (ALT) and Telomerase Reverse Transcriptase Promoter Methylation in Recurrent Adult and Primary Pediatric Pituitary Neuroendocrine Tumors Endocrine pathology 2022-01-06 [PMID: 34993885] (IF/IHC)

Gianni F, Antonelli M, Di Dio T, et al. Correlation Between Immunohistochemistry and Sequencing in H3G34-Mutant Gliomas The American journal of surgical pathology 2021-02-01 [PMID: 33428336]

Minasi S, Baldi C, Gianni F et al. Alternative lengthening of telomeres in molecular subgroups of paediatric high-grade glioma Childs Nerv Syst 2020-10-31 [PMID: 33128602] (IF/IHC, Human)

Li X, Oh S, Song H et al. A potential common role of the Jumonji C domain containing 1A histone demethylase and chromatin remodeler ATRX in promoting colon cancer. Oncol Lett 2018-09-24 [PMID: 30405805] (WB, Human)

Minasi S, Baldi C, Pietsch T et al. Telomere elongation via alternative lengthening of telomeres (ALT) and telomerase activation in primary metastatic medulloblastoma of childhood J. Neurooncol. 2019-03-04 [PMID: 30830680] (IF/IHC, Human)

ssa Francesca DSMP, Buttarelli R. Biomolecular characterization of metastatic medulloblastoma and study of telomere lengthening control Thesis 2017-01-01 (IHC-P, Human)

Masayuki Yoshida, Reiko Ogawa, Hiroshi Yoshida et al. TERT promoter mutations are frequent and show association with MED12 mutations in phyllodes tumors of the breast. British Journal of Cancer 2015-09-10 [PMID: 26355235] (IF/IHC, Human)

Napier CE, Huschtscha LI, Harvey A et al. ATRX represses alternative lengthening of telomeres. Oncotarget 2015-06-30 [PMID: 26001292] (WB, Human)

More publications at <http://www.novusbio.com/NBP1-83077>



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Products Related to NBP1-83077

NBP1-83077PEP	ATRX Recombinant Protein Antigen
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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