

Product Datasheet

ATN1 Antibody - BSA Free NBP1-90044

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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Publications: 1

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Updated 12/2/2025 v.20.1

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NBP1-90044

ATN1 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

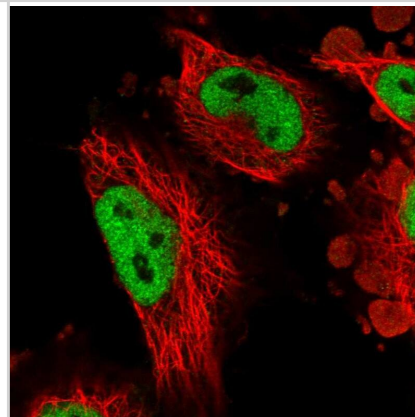
Product Description	
Description	Novus Biologicals Rabbit ATN1 Antibody - BSA Free (NBP1-90044) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-ATN1 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	1822
Gene Symbol	ATN1
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: HPYAMSPSLGSLRPYPPGPAHLPPPHSQVSYQAGPNGPPVSSSSNSSSSTS QGSYP CSHPSQGPQGAPYFPVPTVTTSSATLSTVIATVASSPAGYKTAS PPGPPPYGKRAPSPGAYKTATPPGYKPGSPPSFRTGTPPGY

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot Reactivity reported in (PMID: 25519973), Immunohistochemistry 1:20 - 1:50, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:20 - 1:50
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF, Fixation Permeabilization:PFA/Triton X-100.

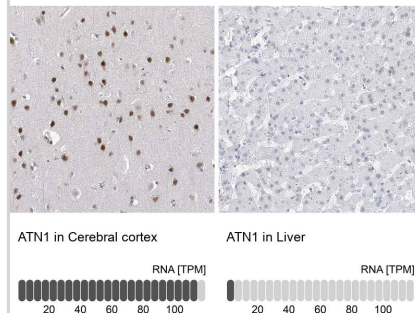


Images

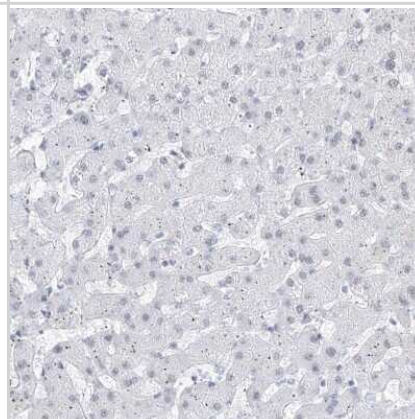
Staining of human cell line U-251 MG shows localization to nucleoplasm.



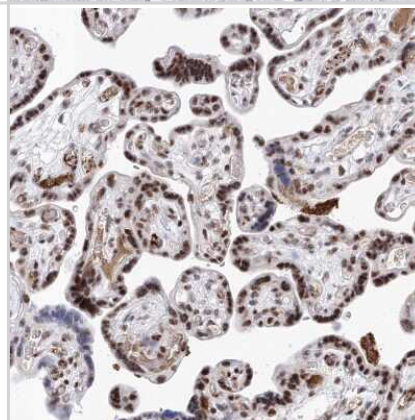
Analysis in human cerebral cortex and liver tissues using NBP1-90044 antibody. Corresponding ATN1 RNA-seq data are presented for the same tissues.



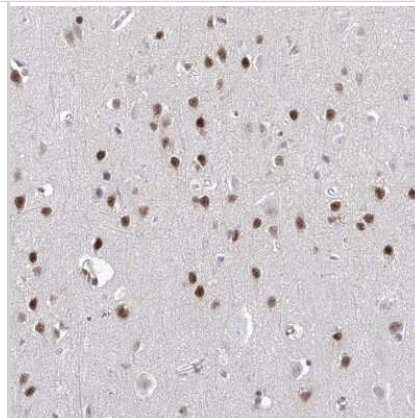
Immunohistochemistry-Paraffin: ATN1 Antibody [NBP1-90044] - Staining of human liver shows no positivity in hepatocytes as expected.



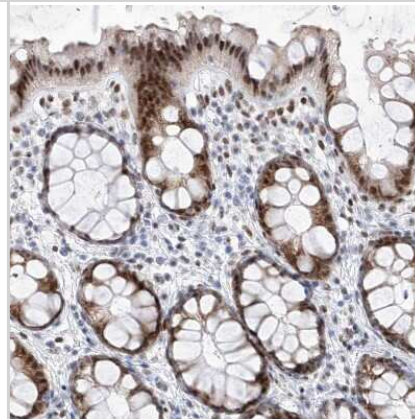
Immunohistochemistry-Paraffin: ATN1 Antibody [NBP1-90044] - Staining of human placenta shows strong nuclear positivity in trophoblastic cells.



Immunohistochemistry-Paraffin: ATN1 Antibody [NBP1-90044] - Staining of human cerebral cortex shows moderate to strong nuclear positivity in neurons.



Immunohistochemistry-Paraffin: ATN1 Antibody [NBP1-90044] - Staining of human rectum shows moderate to strong nuclear positivity in glandular cells.



Publications

Zhang F, Xu D, Yuan L et al. Epigenetic regulation of Atrophin1 by lysine-specific demethylase 1 is required for cortical progenitor maintenance. Nat Commun 2014-12-18 [PMID: 25519973] (WB, Human)



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Products Related to NBP1-90044

NB820-59378	Human Brain Frontal Lobe Whole Tissue Lysate (Adult Whole Dementia)
NBP1-90044PEP	ATN1 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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