

# 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.

[www.novusbio.com](http://www.novusbio.com)



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### Publications: 1

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Updated 2/21/2025 v.20.1

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**NBP1-90044**

ATN1 Antibody - BSA Free

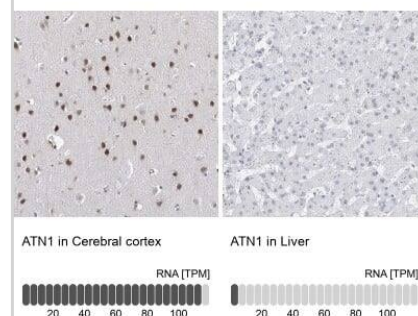
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description	
Host	Rabbit
Gene ID	1822
Gene Symbol	ATN1
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: HPYAMSPSLGSLRPYPPGPAHLPPPHSQVSYQAGPNGPPVSSSSNSSSSTS QGSYPCSHSPSPSQGPQGAPYFPVPTVTTSSATLSTVIATVASSPAGYKTAS PPGPPPYGKRAPSPGAYKTATPPGYKPGSPPSFRTGTPPGY

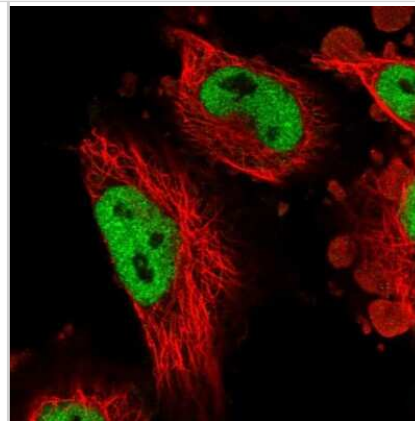
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot Reactivity reported in (PMID: 25519973), Immunohistochemistry 1:20 - 1:50, Immunocytochemistry/ Immunofluorescence 0.25-2 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**

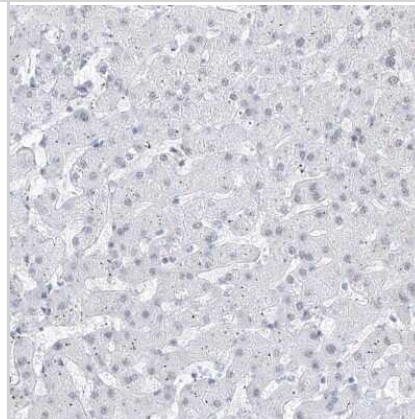
Immunohistochemistry-Paraffin: ATN1 Antibody [NBP1-90044] - Analysis in human cerebral cortex and liver tissues. Corresponding ATN1 RNA-seq data are presented for the same tissues.



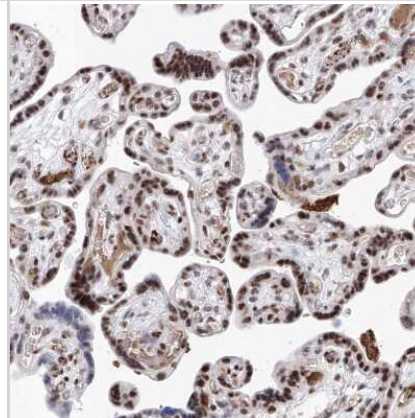
Immunocytochemistry/Immunofluorescence: ATN1 Antibody [NBP1-90044] - Staining of human cell line U-251 MG shows localization to nucleoplasm. Antibody staining is shown in green.



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



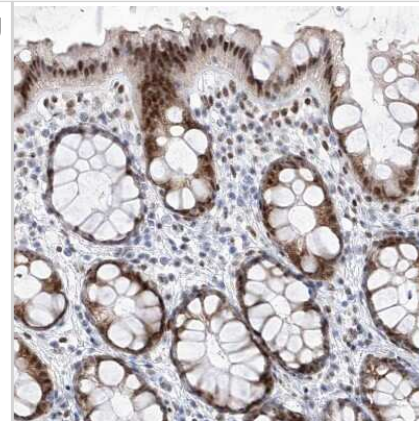
Immunohistochemistry-Paraffin: ATN1 Antibody [NBP1-90044] - Staining of human placenta shows strong nuclear positivity in trophoblastic cells.



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**

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NB820-59378	Human Brain Frontal Lobe Whole Tissue Lysate (Adult Whole Dementia)
NBP1-90044PEP	ATN1 Recombinant Protein Antigen
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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### **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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