

Product Datasheet

ATPB Antibody - BSA Free

NBP1-90816

Unit Size: 0.1 ml

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

www.novusbio.com



technical@novusbio.com

Publications: 3

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP1-90816

Updated 3/4/2026 v.20.1

Earn rewards for product
reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/NBP1-90816



NBP1-90816

ATPB 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

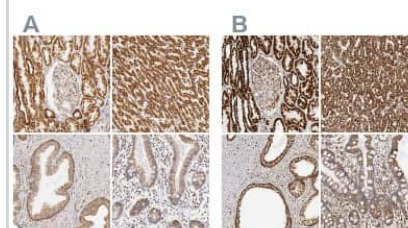
Host	Rabbit
Gene ID	506
Gene Symbol	ATP5F1B
Species	Human, Mouse, Rat
Reactivity Notes	Reactivity reported in scientific literature (PMID: 21232647)
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: TSPSPKAGAAATGRIVAVIGAVVDVQFDEGLPPILNALEVQGRETRLVLEVAQHL GESTVRTIAMDGTEGLVRGQKVLDSGAPIKIPVGPETLGRIMNVIGEPIDERGPI KTKQFAPIHAEAEPEFMEMSVEQEILVTGIKVV

Product Application Details

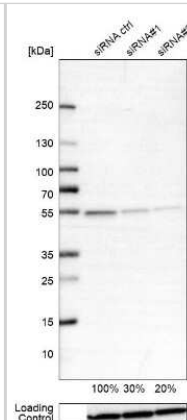
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Knockdown Validated
Recommended Dilutions	Western Blot 0.04 - 0.4 ug/ml, Immunohistochemistry 1:500 - 1:1000, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin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

Images

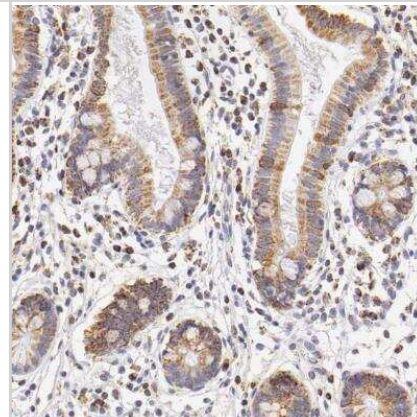
Immunohistochemistry-Paraffin: ATPB Antibody [NBP1-90816] - Staining of human kidney, liver, prostate and small intestine using Anti-ATP5B antibody NBP1-90816 (A) shows similar protein distribution across tissues to independent antibody NBP1-90815 (B).



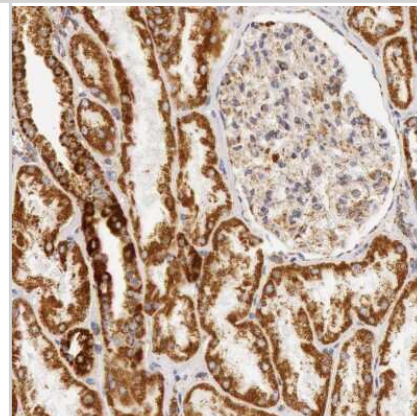
Western Blot: ATPB Antibody [NBP1-90816] - Analysis in A-549 cells transfected with control siRNA, target specific siRNA probe #1 and #2, using Anti-ATPB antibody. Remaining relative intensity is presented. Loading control: Anti-GAPDH.



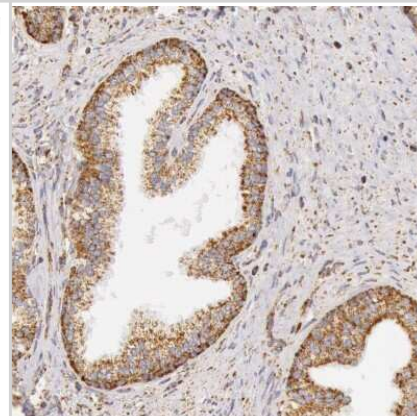
Immunohistochemistry-Paraffin: ATPB Antibody [NBP1-90816] - Staining of human small intestine shows moderate granular cytoplasmic positivity in glandular cells.



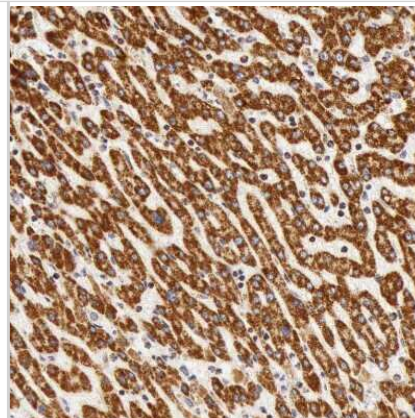
Immunohistochemistry-Paraffin: ATPB Antibody [NBP1-90816] - Staining of human kidney shows strong granular cytoplasmic positivity in cells in tubules and moderate immunoreactivity in glomeruli.



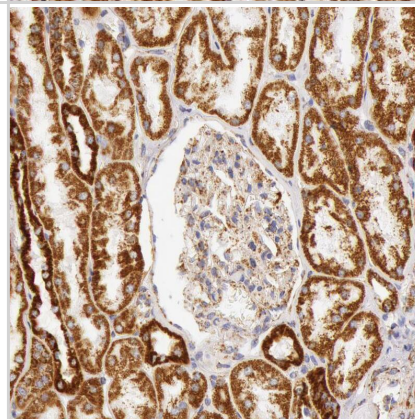
Immunohistochemistry-Paraffin: ATPB Antibody [NBP1-90816] - Staining of human prostate shows moderate granular cytoplasmic positivity in glandular cells.



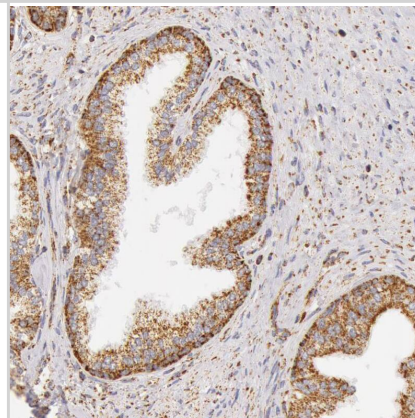
Immunohistochemistry-Paraffin: ATPB Antibody [NBP1-90816] - Staining of human liver shows strong granular cytoplasmic positivity in hepatocytes.



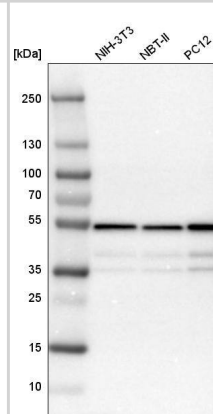
Staining of human kidney shows moderate granular cytoplasmic positivity in cells in tubules.



Staining of human prostate shows moderate granular cytoplasmic positivity in glandular cells.



Analysis in mouse cell line NIH-3T3, rat cell line NBT-II and rat cell line pC12.



Publications

Desmurs M, Foti M, Raemy E et al. C11orf83, a Mitochondrial Cardiolipin-Binding Protein Involved in bc1 Complex Assembly and Supercomplex Stabilization. Mol Cell Biol 2015-04-01 [PMID: 25605331] (WB, Human)

Bjorklund M, Roos J, Gogvadze V Shoshan M. Resveratrol induces SIRT1- and energy-stress-independent inhibition of tumor cell regrowth after low-dose platinum treatment. Cancer Chemother Pharmacol 2011-12-01 [PMID: 21479886]

Gustavsson E, Ek S, Steen J et al. Surrogate antigens as targets for proteome-wide binder selection. N Biotechnol 2011-07-01 [PMID: 21232647]





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 NBP1-90816

NBP1-90816PEP	ATPB 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

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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NBP1-90816

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

