

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.

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NBP1-90816

ATPB Antibody - BSA Free

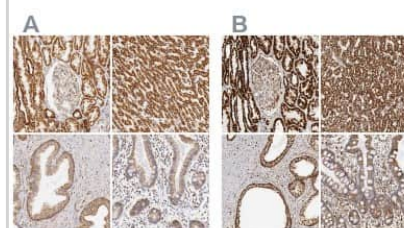
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen 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: TSPSPKAGAATGRIVAVIGAVVDVQFDEGLPPILNALEVQGRETRLVLEVAQHL GESTVRTIAMDGTEGLVRGQKVLDSGAPIKIPVGPETLGRIMNVIGEPIDERGPI KTKQFAPIHAEAPEFMEMSVEQEILVTGIKVV

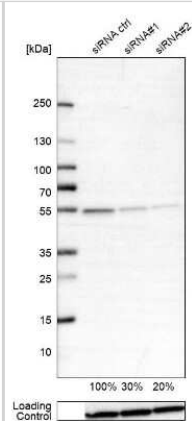
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Knockdown Validated
Recommended Dilutions	Western Blot 0.04 - 0.4 ug/ml, Immunohistochemistry 1:500 - 1:1000, Immunocytochemistry/ Immunofluorescence 0.25-2 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

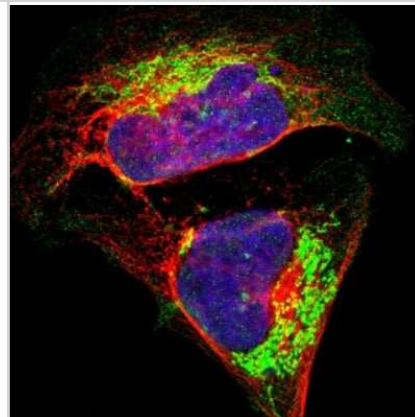
Immunohistochemistry-Paraffin: ATPB Antibody [NBP1-90816] - Staining of human kidney, liver, prostate and small intestine using Anti-ATP5B antibody NBP1-90816 (A) shows similar protein distribution across tissues to independent antibody NBP1-90815 (B).



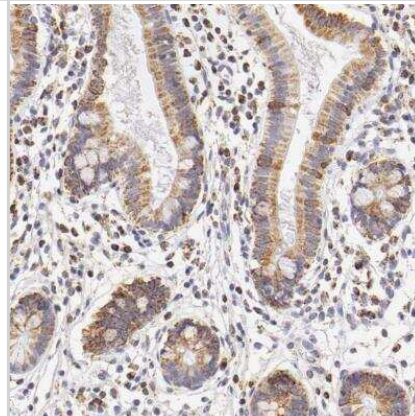
Western Blot: ATPB Antibody [NBP1-90816] - Analysis in A-549 cells transfected with control siRNA, target specific siRNA probe #1 and #2, using Anti-ATPB antibody. Remaining relative intensity is presented. Loading control: Anti-GAPDH.



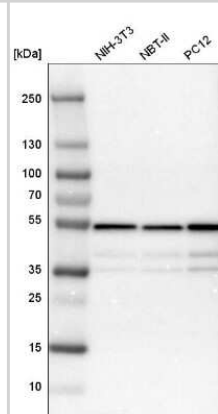
Immunocytochemistry/Immunofluorescence: ATPB Antibody [NBP1-90816] - Staining of human cell line U-2 OS shows localization to mitochondria. Antibody staining is shown in green.



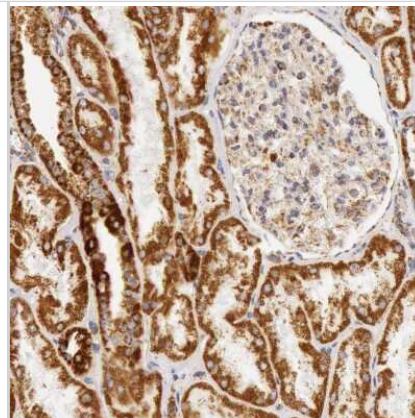
Immunohistochemistry-Paraffin: ATPB Antibody [NBP1-90816] - Staining of human small intestine shows moderate granular cytoplasmic positivity in glandular cells.



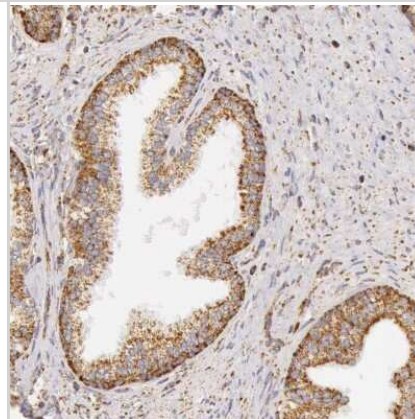
Western Blot: ATPB Antibody [NBP1-90816] - Western blot analysis in mouse cell line NIH-3T3, rat cell line NBT-II and rat cell line pC12.



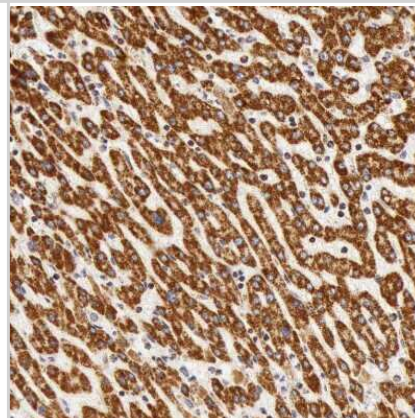
Immunohistochemistry-Paraffin: ATPB Antibody [NBP1-90816] - Staining of human kidney shows strong granular cytoplasmic positivity in cells in tubules and moderate immunoreactivity in glomeruli.



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.



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]



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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

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