

Product Datasheet

ATP6V1H Antibody - BSA Free NBP1-85668

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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NBP1-85668

ATP6V1H Antibody - BSA Free

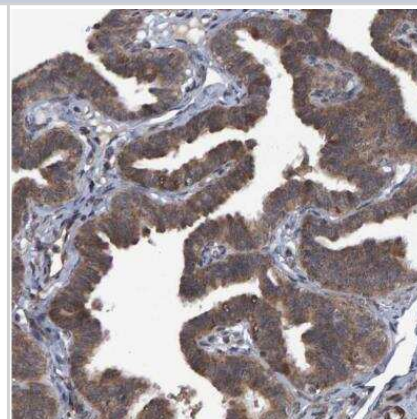
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Host	Rabbit
Gene ID	51606
Gene Symbol	ATP6V1H
Species	Human
Reactivity Notes	Human reactivity reported in scientific literature (PMID: 26168401).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: PQVLAVAAHDVGEYVRHYPRGKRVIEQLGGKQLVMNHMHEDQQVRYNALLA VQKLMVHNWEYLKGKQLQSE

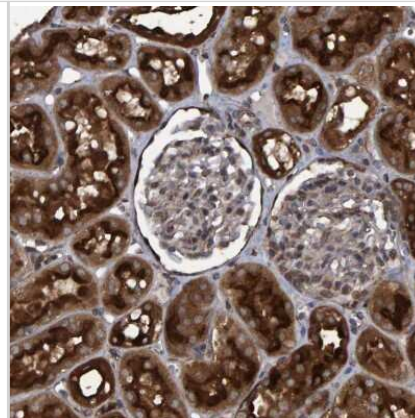
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:50 - 1:200
Application Notes	IHC reported in scientific literature (PMID: 26168401). For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

Images

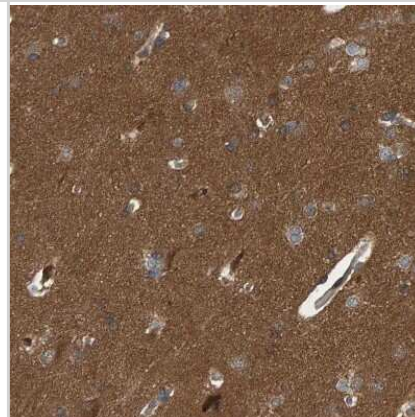
Immunohistochemistry-Paraffin: ATP6V1H Antibody [NBP1-85668] - Staining of human fallopian tube shows strong cytoplasmic positivity in glandular cells.



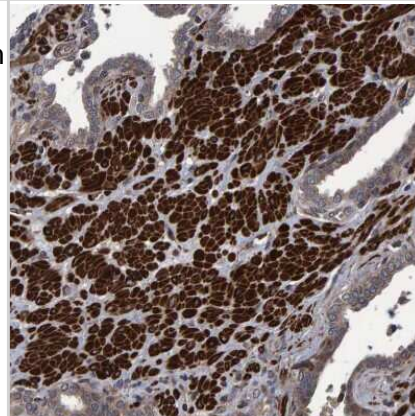
Immunohistochemistry-Paraffin: ATP6V1H Antibody [NBP1-85668] - Staining of human kidney shows strong cytoplasmic positivity in cells in tubules.



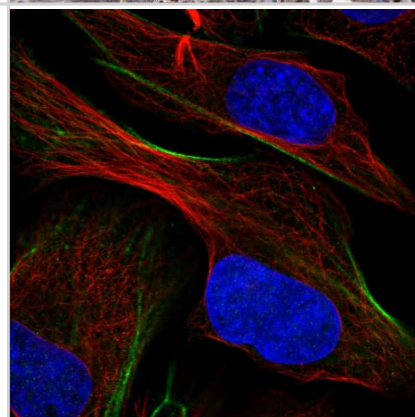
Immunohistochemistry-Paraffin: ATP6V1H Antibody [NBP1-85668] - Staining of human cerebral cortex shows strong cytoplasmic positivity in neuropil.



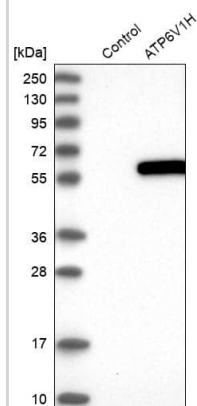
Immunohistochemistry-Paraffin: ATP6V1H Antibody [NBP1-85668] - Staining of human prostate shows strong cytoplasmic positivity in smooth muscle cells.



Staining of human cell line U-2 OS shows localization to actin filaments.



Analysis in control (vector only transfected HEK293T lysate) and ATP6V1H over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (~3.1 kDa) in mammalian HEK293T cells).



Publications

Rushika M. Perera, Svetlana Stoykova, Brandon N. Nicolay et al. Transcriptional control of autophagy-lysosome function drives pancreatic cancer metabolism. *Nature* 2015-07-13 [PMID: 26168401] (IF/IHC, Human)



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Products Related to NBP1-85668

NBP1-85668PEP	ATP6V1H 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.

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