

# Product Datasheet

## ATP6V1E1 Antibody - BSA Free NBP2-15520

Unit Size: 0.1 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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**NBP2-15520**

ATP6V1E1 Antibody - BSA Free

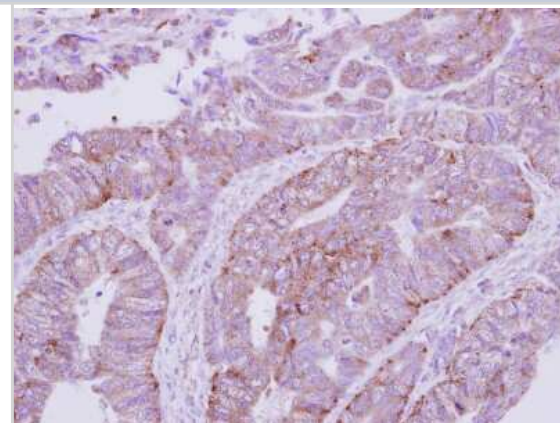
Product Information	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.025% Proclin 300
<b>Isotype</b>	IgG
<b>Purity</b>	Antigen Affinity-purified
<b>Buffer</b>	PBS, 20% Glycerol
<b>Target Molecular Weight</b>	26 kDa

Product Description	
<b>Description</b>	Novus Biologicals Rabbit ATP6V1E1 Antibody - BSA Free (NBP2-15520) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-ATP6V1E1 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	529
<b>Gene Symbol</b>	ATP6V1E1
<b>Species</b>	Human, Mouse, Rat
<b>Reactivity Notes</b>	Opossum reactivity reported in scientific literature (PMID: 28720662).
<b>Immunogen</b>	Recombinant protein encompassing a sequence within the center region of human ATP6V1E1. The exact sequence is proprietary.

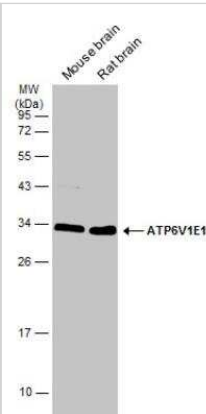
Product Application Details	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 1:500-1:3000, Immunohistochemistry 10 - 1:500, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunohistochemistry-Paraffin 1:100-1:1000

**Images**

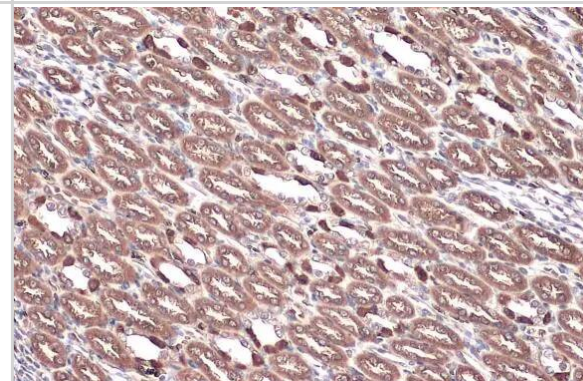
Immunohistochemistry-Paraffin: ATP6V1E1 Antibody [NBP2-15520] - Immunohistochemical analysis of paraffin-embedded Colon ca, using antibody at 1:250 dilution.



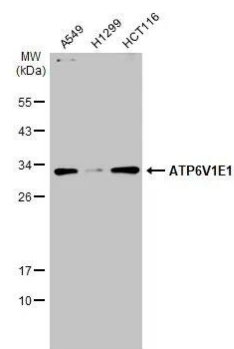
Western Blot: ATP6V1E1 Antibody [NBP2-15520] - Various tissue extracts (50 ug) were separated by 12% SDS-PAGE, and the membrane was blotted with ATP6V1E1 antibody diluted at 1:1000. HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



Immunohistochemistry-Paraffin: ATP6V1E1 Antibody [NBP2-15520] - ATP6V1E1 antibody detects ATP6V1E1 protein at cell membrane and cytoplasm by immunohistochemical analysis. Sample: Paraffin-embedded mouse kidney. ATP6V1E1 stained by ATP6V1E1 antibody (NBP2-15520) diluted at 1:500. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min

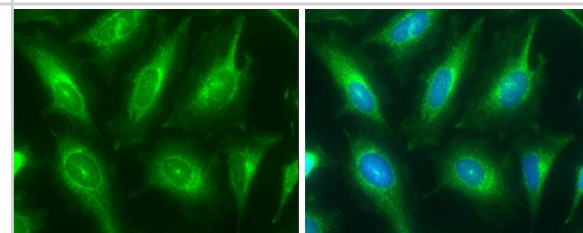


Western Blot: ATP6V1E1 Antibody [NBP2-15520] - Various whole cell extracts (30 ug) were separated by 12% SDS-PAGE, and the membrane was blotted with ATP6V1E1 antibody (NBP2-15520) diluted at 1:3000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.

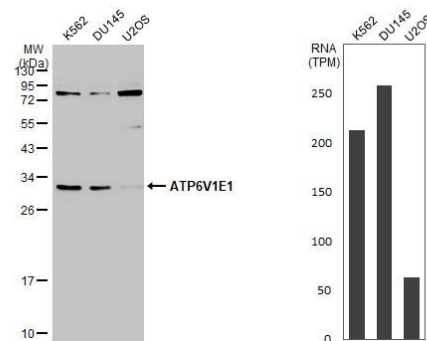


Immunocytochemistry/ Immunofluorescence: ATP6V1E1 Antibody [NBP2-15520] - ATP6V1E1 antibody detects ATP6V1E1 protein at cytoplasm by immunofluorescent analysis.

Sample: HeLa cells were fixed in ice-cold MeOH for 5 min.  
Green: ATP6V1E1 protein stained by ATP6V1E1 antibody (NBP2-15520) diluted at 1:200.  
Blue: Hoechst 33342 staining.



Western Blot: ATP6V1E1 Antibody [NBP2-15520] - Various whole cell extracts (30 ug) were separated by 12% SDS-PAGE, and the membrane was blotted with ATP6V1E1 antibody diluted at 1:3000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody. Corresponding RNA expression data for the same cell lines are based on Human Protein Atlas program.



## Publications

Long KR, Shipman KE, Rbaibi Y et al. Proximal tubule apical endocytosis is modulated by fluid shear stress via an mTOR-dependent pathway *Mol Biol Cell*. 2017-09-14 [PMID: 28720662] (WB, Opossum)



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### **Products Related to NBP2-15520**

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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

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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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