

# Product Datasheet

## ATP6V0A1 Antibody H00000535-A01

Unit Size: 0.05 ml

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

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



[technical@novusbio.com](mailto:technical@novusbio.com)

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**H00000535-A01****ATP6V0A1 Antibody****Product Information**

<b>Unit Size</b>	0.05 ml
<b>Concentration</b>	This product is unpurified. The exact concentration of antibody is not quantifiable.
<b>Storage</b>	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG
<b>Purity</b>	Unpurified
<b>Buffer</b>	50 % glycerol

**Product Description**

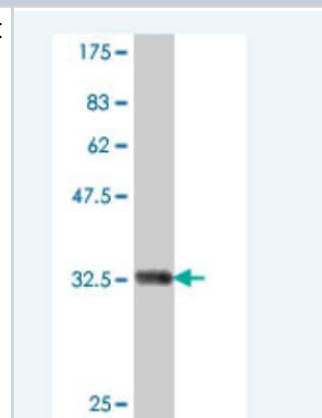
<b>Description</b>	Quality control test: Antibody Reactive Against Recombinant Protein.
<b>Host</b>	Mouse
<b>Gene ID</b>	535
<b>Gene Symbol</b>	ATP6V0A1
<b>Species</b>	Human
<b>Specificity/Sensitivity</b>	ATP6V0A1 - ATPase, H <sup>+</sup> transporting, lysosomal V0 subunit a isoform 1
<b>Immunogen</b>	ATP6V0A1 (NP_005168, 212 a.a. - 298 a.a.) partial recombinant protein with GST tag. GDYVHKSVFIFFQGDQLKNRVKKICEGFRASLYPCPETPQERKEMASGVNTRI DDLQMVNLNQTEDHRQRVLQAAAKNIRVWFIKVR
<b>Notes</b>	This product is produced by and distributed for Abnova, a company based in Taiwan.

**Product Application Details**

<b>Applications</b>	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence
<b>Recommended Dilutions</b>	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence
<b>Application Notes</b>	The quality control of this antibody is limited to WB on the immunizing protein. It has been used for ELISA. Abnova's recommended working dilutions for western analysis are as follows: 1:500 dilution for ascites 1:1000 for purified Ig 1:500

**Images**

Western Blot: ATP6V0A1 Antibody [H00000535-A01] - Detection against Immunogen (35.68 KDa)



## Publications

Appu A, Bagh M, Sadhukhan T et al. Cln3-mutations underlying juvenile NCL cause significantly reduced levels of Ppt1-protein and Ppt1-enzyme activity in the lysosome. J Inherit Metab Dis. 2019-04-26 [PMID: 31025705]

Liang Y, Zheng D, Peng S et al. Rifampicin attenuates rotenone-treated microglia inflammation via improving lysosomal function. Toxicol In Vitro. 2019-10-22 [PMID: 31648047]

Chasiotis H, Ionescu A, Misyura L et al. An animal homolog of plant Mep/Amt transporters promotes ammonia excretion by the anal papillae of the disease vector mosquito, *Aedes aegypti*. J Exp Biol 2016-05-01 [PMID: 26944496]





### **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](http://www.novusbio.com)  
Technical Support: [nb-technical@bio-techne.com](mailto:nb-technical@bio-techne.com)  
Orders: [nb-customerservice@bio-techne.com](mailto:nb-customerservice@bio-techne.com)  
General: [novus@novusbio.com](mailto:novus@novusbio.com)

### **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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