

# Product Datasheet

## ATP6V1A Antibody NBP2-55148

Unit Size: 100 ul

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

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



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### Publications: 2

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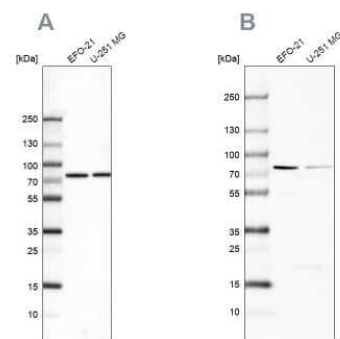


**NBP2-55148****ATP6V1A Antibody**

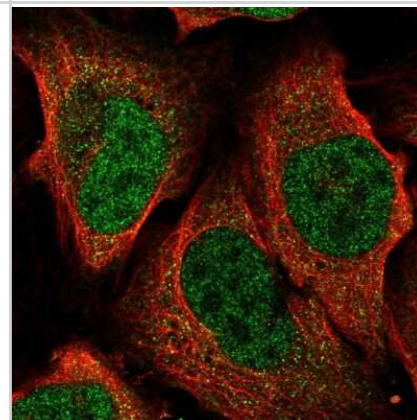
<b>Product Information</b>	
<b>Unit Size</b>	100 ul
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Affinity purified
<b>Buffer</b>	PBS (pH 7.2) and 40% Glycerol
<b>Product Description</b>	
<b>Host</b>	Rabbit
<b>Gene ID</b>	523
<b>Gene Symbol</b>	ATP6V1A
<b>Species</b>	Human
<b>Immunogen</b>	This antibody was developed against a recombinant protein corresponding to the following amino acid sequence: AIPGAFGCGKTVISQSLSKYSNSDVIIYVGCGERGNEMSEVLRDFPELTMEVDG KVESIMKRTALVANTSMPVAAREASIYTGITL
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunocytochemistry/ Immunofluorescence
<b>Recommended Dilutions</b>	Western Blot 0.04-0.4 ug/ml, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml
<b>Application Notes</b>	ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

## Images

Western Blot: ATP6V1A Antibody [NBP2-55148] - Analysis using Anti-ATP6V1A antibody NBP2-55148 (A) shows similar pattern to independent antibody NBP2-55164 (B).



Immunocytochemistry/Immunofluorescence: ATP6V1A Antibody [NBP2-55148] - Staining of human cell line U-2 OS shows localization to nucleoplasm & cytosol.



## Publications

Kim M, Chen C, Yaari Z et al. Nanosensor-based monitoring of autophagy-associated lysosomal acidification in vivo Nature chemical biology 2023-06-15 [PMID: 37322156]

Hoffman HK, Prekeris R HOPS-dependent lysosomal fusion controls Rab19 availability for ciliogenesis in polarized epithelial cells bioRxiv 2023-02-08 [PMID: 36798155] (WB, ICC/IF)



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### **Products Related to NBP2-55148**

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NBP2-55148PEP	ATP6V1A 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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### **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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