

Product Datasheet

ATP6V1A Antibody - BSA Free NBP2-55148

Unit Size: 100 ul

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

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Publications: 2

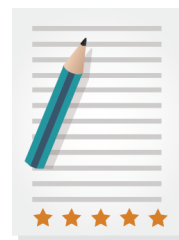
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Updated 2/23/2025 v.20.1

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NBP2-55148

ATP6V1A Antibody - BSA Free

Product Information	
Unit Size	100 ul
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

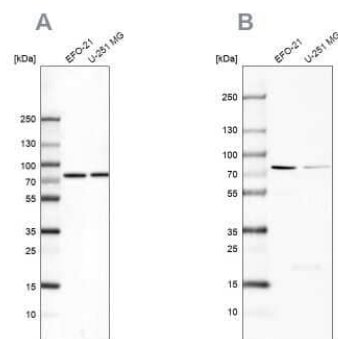
Product Description	
Host	Rabbit
Gene ID	523
Gene Symbol	ATP6V1A
Species	Human
Immunogen	This antibody was developed against a recombinant protein corresponding to the following amino acid sequence: AIPGAFGCGKTVISQSLSKYSNSDVIIYVGCGERGNEMSEVLRDFPELTMEVDG KVESIMKRTALVANTSNMPVAAREASIYTGITL

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml
Application Notes	ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

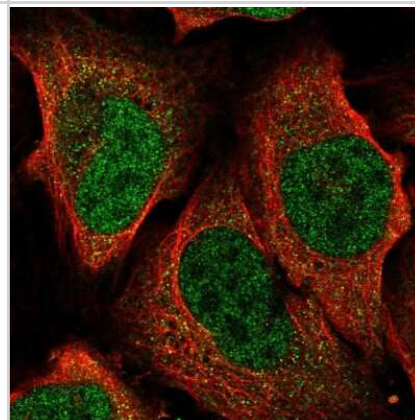


Images

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

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

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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