

Product Datasheet

ATP6V0C Antibody - BSA Free

NBP1-59654

Unit Size: 100 ul

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

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NBP1-59654

ATP6V0C Antibody - BSA Free

Product Information	
Unit Size	100 ul
Concentration	0.5 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS, 2% Sucrose
Target Molecular Weight	16 kDa
Product Description	
Description	The addition of 50% glycerol is optional for those storing this antibody at -20C and not aliquoting smaller units. However, please note that glycerol may interrupt some downstream antibody applications and should be added with caution.
Host	Rabbit
Gene ID	527
Gene Symbol	ATP6V0C
Species	Human
Immunogen	Synthetic peptide directed towards the middle region of human ATP6V0C (NP_001685). Peptide sequence VVAVLIANSLNDDISLYKSFLQLGAGLSVGLSGLAAGFAIGIVGDAGVRG. The peptide sequence for this immunogen was taken from within the described region.
Product Application Details	
Applications	Western Blot
Recommended Dilutions	Western Blot 1.0 ug/ml

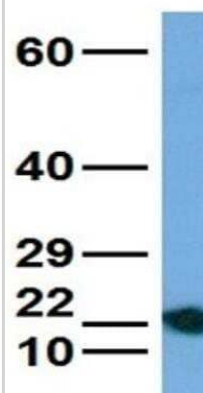


Images

Western Blot: ATP6V0C Antibody [NBP1-59654] - Human Lung,
Antibody Dilution: 1.0 ug/ml.



Western Blot: ATP6V0C Antibody [NBP1-59654] - Human ACHN cells.



Western Blot: ATP6V0C Antibody [NBP1-59654] - Human OVCAR-3 cell
lysate, concentration 0.2-1 ug/ml.



Publications

Qu Q, Chen Y, Wang Y, Wang W et Al. Lithocholic acid binds TULP3 to activate sirtuins and AMPK to slow down ageing Nature 2024-12-18 [PMID: 39695235]

Delong Meng, Qianmei Yang, Mi-Hyeon Jeong, Adna Curukovic, Shweta Tiwary, Chase H. Melick, Tshering D. Lama-Sherpa, Huanyu Wang, Mariela Huerta-Rosario, Greg Urquhart, Lauren G. Zacharias, Cheryl Lewis, Ralph J. DeBerardinis, Jenna L. Jewell SNAT7 regulates mTORC1 via macropinocytosis Proceedings of the National Academy of Sciences of the United States of America 2022-05-13 [PMID: 35561222]

Ma T, Tian X, Zhang B et al. Low-dose metformin targets the lysosomal AMPK pathway through PEN2 Nature 2022-03-01 [PMID: 35197629] (WB, Mouse)

Weber RA, Yen FS, Nicholson SPV et al. Maintaining Iron Homeostasis Is the Key Role of Lysosomal Acidity for Cell Proliferation Mol. Cell 2020-01-15 [PMID: 31983508] (WB, Human)

Li M, Zhang CS, Zong Y et al. Transient Receptor Potential V Channels Are Essential for Glucose Sensing by Aldolase and AMPK Virchows Arch. 2019-06-10 [PMID: 31204282]

Merk H, Messer P, Ardelt MA et al. Inhibition of the V-ATPase by Archazolid A - a new strategy to inhibit EMT. Mol. Cancer Ther. 2017-08-03 [PMID: 28775146] (WB)

Zhang CS, Li M, Ma T et al. Metformin Activates AMPK through the Lysosomal Pathway. Cell Metab 2016-10-11 [PMID: 27732831]





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Products Related to NBP1-59654

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00000527-P01-10ug	Recombinant Human ATP6V0C GST (N-Term) Protein

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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