

Product Datasheet

ATPase Na⁺/K⁺ beta 3 Antibody - Azide and BSA Free H00000483-B01P

Unit Size: 0.05 mg

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

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H00000483-B01PATPase Na⁺/K⁺ beta 3 Antibody - Azide and BSA Free

Product Information	
Unit Size	0.05 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	No Preservative
Isotype	IgG
Purity	Protein A purified
Buffer	PBS (pH 7.4)

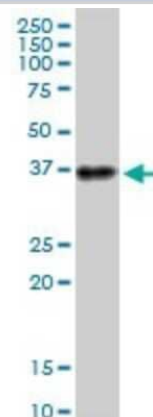
Product Description	
Description	Quality control test: Antibody reactive against mammalian transfected lysate.
Host	Mouse
Gene ID	483
Gene Symbol	ATP1B3
Species	Human, Mouse
Reactivity Notes	Mouse reactivity reported in scientific literature (PMID: 31009649).
Specificity/Sensitivity	ATP1B3 - ATPase, Na ⁺ /K ⁺ transporting, beta 3 polypeptide,
Immunogen	ATP1B3 (NP_001670.1, 1 a.a. - 279 a.a.) full-length human protein. MTKNEKKSLNQSLAEWKLFIYNPTTGFLGRTAKSWGLILLFYLVFYGFLLAALFS FTMWVMLQTLNDEVPKYRDQIPSPGLMVFPKPVTALEYTFSRSDPTSYAGYIE DLKKFLKPYTLEEQKNLTVCPDGALFEQKGPVYVACQFPISLLQACSGMNDPD FGYSQGNPCILVKMNRIGLKPEGVPRIDCVSKNEDIPNVAVYPHNGMIDLKYFP YYGKKLHVGYLQPLVAVQVSFAPNNTGKEVTVECKIDGSANLKSQDDDRDKFLG RVMFKITARA
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.

Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence
Application Notes	GST tag alone is used as a negative control. Use in Immunocytochemistry/immunofluorescence reported in scientific literature (PMID: 31009649).

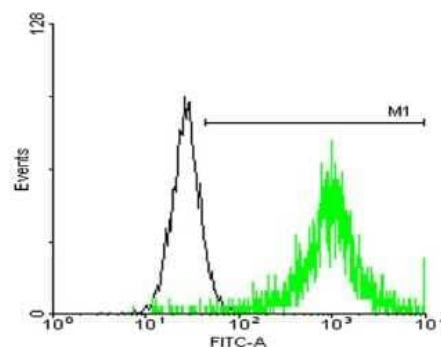


Images

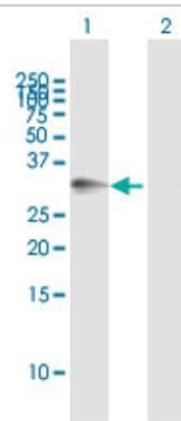
Western Blot: ATPase Na⁺/K⁺ beta 3 Antibody [H00000483-B01P] - Analysis of ATP1B3 expression in A-431.



Flow Cytometry: ATPase Na⁺/K⁺ beta 3 Antibody [H00000483-B01P] - Analysis of negative control 293 cells (Black) and ATP1B3 expressing 293 cells (Green) using ATP1B3 purified mouse polyclonal antibody.



Western Blot: ATPase Na⁺/K⁺ beta 3 Antibody [H00000483-B01P] - Analysis of ATP1B3 expression in transfected 293T cell line by ATP1B3 polyclonal antibody. Lane 1: ATP1B3 transfected lysate(30.69 KDa). Lane 2: Non-transfected lysate.



Publications

Shan J, Li X, Sun R et Al. Palmitoyltransferase ZDHHC6 promotes colon tumorigenesis by targeting PPAR γ -driven lipid biosynthesis via regulating lipidome metabolic reprogramming J Exp Clin Cancer Res 2024-08-15 [PMID: 39148124]

Xu M, Tan J, Zhu L et al. Palmitoyltransferase ZDHHC3 Aggravates Nonalcoholic Steatohepatitis by Targeting S-Palmitoylated IRHOM2 Advanced science (Weinheim, Baden-Wuerttemberg, Germany) 2023-08-06 [PMID: 37544908]

Luguang Liu, Longgang Wang, Liqing Liu, Xianlin Qu, Weizhu Zhao, Jishuang Ding, Siwei Zhao, Botao Xu, Hang Yu, Bing Liu, Jie Chai Acyltransferase zinc finger DHHC-type containing 2 aggravates gastric carcinoma growth by targeting Nrf2 signaling: A mechanism-based multicomination bionic nano-drug therapy. Redox biology 2024-02-26 [PMID: 38301594]

Sundaram, SM;Safina, D;Ehrkamp, A;Faissner, A;Heumann, R;Dietzel, ID; Differential expression patterns of sodium potassium ATPase alpha and beta subunit isoforms in mouse brain during postnatal development Neurochem. Int. 2019-04-19 [PMID: 31009649] (ICC/IF, Mouse)



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Products Related to H00000483-B01P

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97019-5mg	Mouse IgG Isotype Control
NBP2-51690-0.05mg	Recombinant Human ATPase Na ⁺ /K ⁺ beta 3 His 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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