

Product Datasheet

ATPase Na⁺/K⁺ beta 3 Antibody (2F4) - Azide and BSA Free H00000483-M05

Unit Size: 0.1 mg

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

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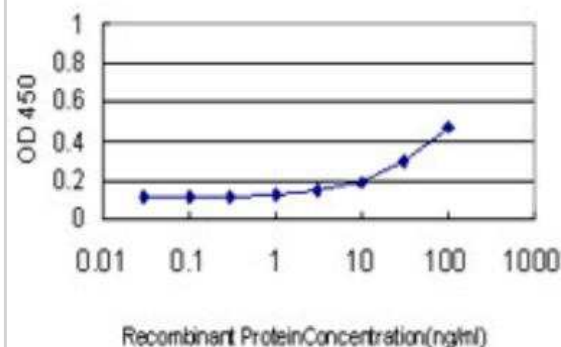
H00000483-M05ATPase Na⁺/K⁺ beta 3 Antibody (2F4) - Azide and BSA Free

Product Information	
Unit Size	0.1 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	Monoclonal
Clone	2F4
Preservative	No Preservative
Isotype	IgG2a Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Description	Quality control test: Antibody Reactive Against Recombinant Protein.
Host	Mouse
Gene ID	483
Gene Symbol	ATP1B3
Species	Human, Bovine
Specificity/Sensitivity	ATP1B3 - ATPase, Na ⁺ /K ⁺ transporting, beta 3 polypeptide
Immunogen	ATP1B3 (AAH11835, 1 a.a. ~ 279 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. MTKNEKKSLNQSLAEWKLFIYNPTTGEEFLGRTAKSWGLILLFYLVFYGFLLAALFS FTMWVMLQTLNDEVPKYRDQIPSPGLMVFPKPVTALEYTFSRSDPTSYAGYIE DLKKFLKPYTLEEQKNLTVCPDGALFEQKGPVYVACQFPISLLQACSGMNDPD FGYSQGNPCILVKMNRIIGLKPEGVPRIDCVSKNEDIPNVAVYPHNGMIDLKYFP YYGKKLHVGYLQPLVAVQVSFAPNNTGKEVTVECKIDGSANLKSQDDRDKFLG RVMFKITARA
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence
Application Notes	Antibody reactivity against recombinant protein on ELISA. GST alone used as a negative control. Use in Western blot reported in scientific literature (PMID 28134274).

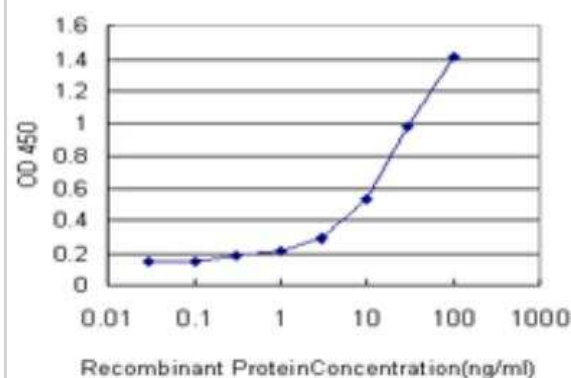


Images

ELISA: ATPase Na⁺/K⁺ beta 3 Antibody (2F4) [H00000483-M05] - Detection limit for recombinant GST tagged ATP1B3 is approximately 3ng/ml as a capture antibody.



ELISA: ATPase Na⁺/K⁺ beta 3 Antibody (2F4) [H00000483-M05] - Detection limit for recombinant GST tagged ATP1B3 is approximately 0.03ng/ml as a capture antibody.



Publications

Tharkeshwar AK, Trekker J, Vermeire W et al. A novel approach to analyze lysosomal dysfunctions through subcellular proteomics and lipidomics: the case of NPC1 deficiency. Sci Rep. 2017-01-30 [PMID: 28134274] (WB)

Goossens K, Vandaele L, Wydooghe E et al. The importance of adequate fixation for immunofluorescent staining of bovine embryos. Reprod Domest Anim. 2011-03-03 [PMID: 21366723]



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Products Related to H00000483-M05

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96981-0.5mg	Mouse IgG2a Kappa Isotype Control (M2AK)
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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