

# Product Datasheet

## ATP6AP1 Antibody (3A2) - Azide and BSA Free H00000537-M01

Unit Size: 0.1 mg

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

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**H00000537-M01**

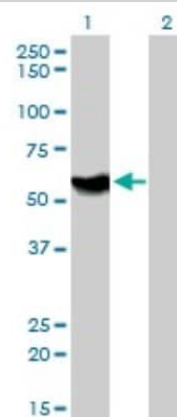
ATP6AP1 Antibody (3A2) - Azide and BSA Free

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	3A2
Preservative	No Preservative
Isotype	IgG1 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	537
Gene Symbol	ATP6AP1
Species	Human, Rat
Specificity/Sensitivity	ATP6AP1 - ATPase, H <sup>+</sup> transporting, lysosomal accessory protein 1
Immunogen	ATP6AP1 (NP_001174, 51 a.a. ~ 150 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. SSDRDLWAPAADTHEGHITSDLQLSTYLDPALELGPRNVLLFLQDKLSIEDFTAY GGVFGNKQDSAFSNLENALDLAPSSLVLPVDWYAVSTLTYYLQE
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Sandwich ELISA
Recommended Dilutions	Western Blot 1:500, ELISA, Sandwich ELISA
Application Notes	Antibody reactivity against cell lysate and recombinant protein for WB. It has also been used for ELISA.

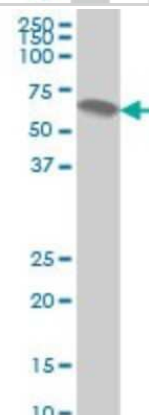


## Images

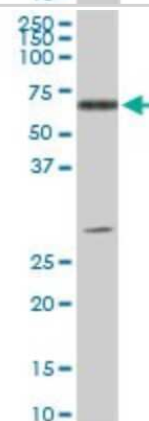
Western Blot: ATP6AP1 Antibody (3A2) [H00000537-M01] - Analysis of ATP6AP1 expression in transfected 293T cell line by ATP6AP1 monoclonal antibody (M01), clone 3A2. Lane 1: ATP6AP1 transfected lysate(52 KDa). Lane 2: Non-transfected lysate.



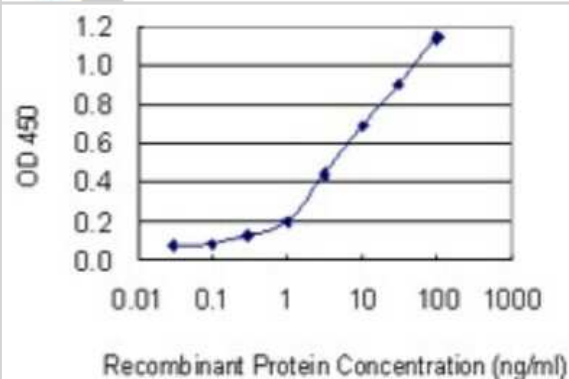
Western Blot: ATP6AP1 Antibody (3A2) [H00000537-M01] - ATP6AP1 monoclonal antibody (M01), clone 3A2 Analysis of ATP6AP1 expression in HeLa.



Western Blot: ATP6AP1 Antibody (3A2) [H00000537-M01] - ATP6AP1 monoclonal antibody (M01), clone 3A2. Analysis of ATP6AP1 expression in PC-12.



Sandwich ELISA: ATP6AP1 Antibody (3A2) [H00000537-M01] - Detection limit for recombinant GST tagged ATP6AP1 is 0.1 ng/ml as a capture antibody.



## Publications

Sekimizu M, Yoshida A, Mitani S et al. Frequent mutations of genes encoding vacuolar H<sup>+</sup> -ATPase components in granular cell tumors. *Genes Chromosomes Cancer*. 2019-01-09 [PMID: 30597645]

Saw NM, Kang SY, Parsaud L et al. Vacuolar H<sup>+</sup>-ATPase subunit Voa1 and Voa2 cooperatively regulate secretory vesicle acidification, transmitter uptake and storage. *Mol Biol Cell*. 2011-07-27 [PMID: 21795392]





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### **Products Related to H00000537-M01**

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
H00000537-P01-10ug	Recombinant Human ATP6AP1 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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