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Datasheet for ABIN1886074 anti-ATP6V0A2 antibody (AA 156-404)



Overview

Overview	
Quantity:	100 μL
Target:	ATP6V0A2
Binding Specificity:	AA 156-404
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ATP6V0A2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)
Product Details	
Immunogen:	Recombinant protein fragment contain a sequence corresponding to a region within amino
	acids 156 and 404 of ATP6V0A2
Purification:	Purified by antigen-affinity chromatography.
Target Details	
Target:	ATP6V0A2
Alternative Name:	ATP6V0A2 (ATP6V0A2 Products)
Background:	The multisubunit vacuolar-type proton pump (H(+)-ATPase or V-ATPase) is essential for
	acidification of diverse cellular components, including endosomes, lysosomes, clathrin-coated
	vesicles, secretory vesicles, and chromaffin granules, and it is found at high density in the
	plasma membrane of certain specialized cells. $H(+)$ -ATPases are comprised of a peripheral V(1)

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Target Details

	domain and an integral membrane V(0) domain, ATP6V0A2 is a component of the V(0) domain
	(Smith et al., 2003 [PubMed 14580332]).[supplied by OMIM]
Malagular Maight:	98 kDa
Molecular Weight:	98 KDa
Gene ID:	23545
NCBI Accession:	NM_012463, NP_036595
Pathways:	Transition Metal Ion Homeostasis, Proton Transport
Application Details	
Application Notes:	Suggested dilutions:
	Western blotting: 1.500-1.3000
	Immunohistochemistry: 1.100-1.500
	Immunofluorescence: 1.100-1.200
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	0.1 M Tris-buffered saline with 10 % Glycerol (pH 7.0).0.01 % Thimerosal was added as a
	preservative.
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	Biohazard Informations: This product contains thimerosal which is hazardous.
Storage:	4 °C/-20 °C
Storage Comment:	Store at -20 °C for long term preservation (recommended). Store at 4 °C for short term use.