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Datasheet for ABIN2458647 anti-ATP6V0A2 antibody

Image



Overview

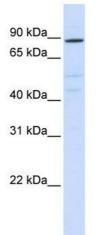
100 μL
ATP6V0A2
Human, Mouse, Rat
Rabbit
Polyclonal
This ATP6V0A2 antibody is un-conjugated
Western Blotting (WB), ELISA
Antibody produced in rabbits immunized with a synthetic peptide corresponding a region of human ATP6V0A2.
Antibody is purified by peptide affinity chromatography method.
ATP6V0A2
ATP6V0A2 (ATP6V0A2 Products)
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) domain and an integral membrane V (0) domain, ATP6V0A2 is a component of the V (0)

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Target Details

	domain.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) domain and an integral membrane V (0) domain, ATP6V0A2 is a component of the V (0) domain (Smith et al., 2003 [PubMed 14580332]).
Molecular Weight:	98 kDa
Gene ID:	23545
NCBI Accession:	NP_036595
UniProt:	Q9Y487
Pathways:	Transition Metal Ion Homeostasis, Proton Transport
Application Details	
Application Notes:	ATP6V0A2 antibody can be used for detection of ATP6V0A2 by ELISA at 1:312500. ATP6V0A2 antibody can be used for detection of ATP6V0A2 by western blot at 1 μg/mL, and HRP conjugated secondary antibody should be diluted 1:50,000 - 100,000.
Restrictions:	For Research Use only
Handling	
Format:	Lyophilized
Reconstitution:	Add 50 ?L of distilled water. Final antibody concentration is 1 mg/mL.
Concentration:	1 mg/mL
Buffer:	Antibody is lyophilized in PBS buffer with 2 % sucrose.
Handling Advice:	As with any antibody avoid repeat freeze-thaw cycles.
Storage:	4 °C/-20 °C
Storage Comment:	For short periods of storage (days) store at 4 °C. For longer periods of storage, store ATP6V0A2 antibody at -20 °C.

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Western Blotting

Image 1.

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