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Datasheet for ABIN2458647
anti-ATP6V0A2 antibody

1 Image

Overview

Quantity:	100 µL
Target:	ATP6V0A2
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ATP6V0A2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Antibody produced in rabbits immunized with a synthetic peptide corresponding a region of human ATP6V0A2.
Purification:	Antibody is purified by peptide affinity chromatography method.

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) domain and an integral membrane V (0) domain, ATP6V0A2 is a component of the V (0)

Target Details

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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 µL 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.



Western Blotting

Image 1.