

## Product datasheet for **TA308549**

### ATP6V0A2 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB:1:1000-1:10000
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant fragment corresponding to a region within amino acids 156 and 434 of ATP6V0A2 (Uniprot ID#Q9Y487)
Formulation:	1XPBS, 20% Glycerol (pH7). 0.01% Thimerosal was added as a preservative.
Concentration:	lot specific
Purification:	Purified by antigen-affinity chromatography.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	98 kDa
Gene Name:	ATPase H <sup>+</sup> transporting V0 subunit a2
Database Link:	<a href="#">NP_036595</a> <a href="#">Entrez Gene 21871 Mouse</a> <a href="#">Entrez Gene 23545 Human</a> <a href="#">Q9Y487</a>
Background:	The multisubunit vacuolar-type proton pump (H <sup>+</sup> )-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 <sup>+</sup> -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]). [supplied by OMIM]
Synonyms:	A2; ARCL; ARCL2A; ATP6A2; ATP6N1D; J6B7; RTF; STV1; TJ6; TJ6M; TJ6S; VPH1; WSS

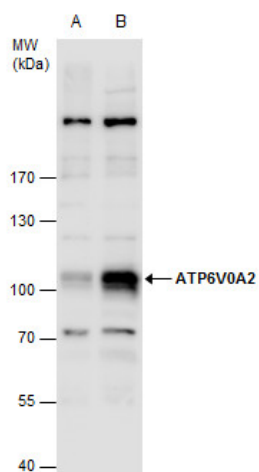


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**Protein Families:** Transmembrane

**Protein Pathways:** Epithelial cell signaling in Helicobacter pylori infection, Lysosome, Metabolic pathways, Oxidative phosphorylation, Vibrio cholerae infection

**Product images:**



ATP6V0A2 antibody detects ATP6V0A2 protein by western blot analysis. A. 30 µg 293T whole cell extract. D. 30 whole cell extract of 3xFlag-human ATP6V0A2-transfected 293T cells. 7.5 % SDS-PAGE. ATP6V0A2 antibody (TA308549) dilution: 1:5000