

Product datasheet for **TA339996**

ATP6V0E2 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-ATP6V0E2 antibody: synthetic peptide directed towards the middle region of human ATP6V0E2. Synthetic peptide located within the following region: TVAPLSLTTPSSGSPSTQLCLVTSSLLLAPRDPDPQGLPGSWKSSQSSQP
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Concentration:	lot specific
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	17-19 kDa
Gene Name:	ATPase H ⁺ transporting V0 subunit e2
Database Link:	NP_001094062 Entrez Gene 155066 Human Q8NHE4



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Background:

Vacuolar ATPase is responsible for acidifying a variety of intracellular compartments in eukaryotic cells. Multisubunit vacuolar-type proton pumps, or H(+)-ATPases, acidify various intracellular compartments, such as vacuoles, clathrin-coated and synaptic vesicles, endosomes, lysosomes, and chromaffin granules. H(+)-ATPases are also found in plasma membranes of specialized cells, where they play roles in urinary acidification, bone resorption, and sperm maturation. Multiple subunits form H(+)-ATPases, with proteins of the V1 class hydrolyzing ATP for energy to transport H⁺, and proteins of the V0 class forming an integral membrane domain through which H⁺ is transported. ATP6V0E2 encodes an isoform of the H(+)-ATPase V0 e subunit, an essential proton pump component (Blake-Palmer et al., 2007 [PubMed 17350184]). [supplied by OMIM]

Synonyms:

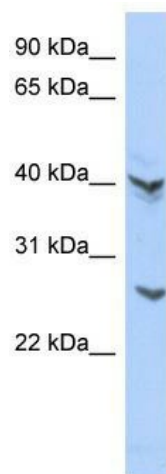
ATP6V0E2L; C7orf32

Note:

Immunogen Sequence Homology: Human: 100%

Protein Pathways:

Epithelial cell signaling in Helicobacter pylori infection, Metabolic pathways, Oxidative phosphorylation, Vibrio cholerae infection

Product images:

WB Suggested Anti-ATP6V0E2 Antibody Titration:
0.2-1 ug/ml; ELISA Titer: 1: 1562500; Positive
Control: COLO205 cell lysate