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Product datasheet for TA331647

ATP6V0E2 Rabbit Antibody

Product data:

Product Type:	Primary Antibodies
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Immunogen:	The immunogen for Anti-ATP6V0E2 Antibody is: synthetic peptide directed towards the N-terminal region of Human ATP6V0E2. Synthetic peptide located within the following region: GPWFVPKGPNRGVIITMLVATAVCCYLFWLIAILAQLNPLFGPQLKNETI
Formulation:	Shipped as lyophilized powder. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. *Note that this product is shipped as lyophilized powder to China customers.*
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	20 kDa
Database Link:	NP_660265 Entrez Gene 155066 Human
Background:	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.
Synonyms:	ATP6V0E2L; C7orf32
Note:	Immunogen sequence homology: Dog: 100%; Pig: 100%; Rat: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Bovine: 100%; Rabbit: 100%; Guinea pig: 100%; Zebrafish: 93%

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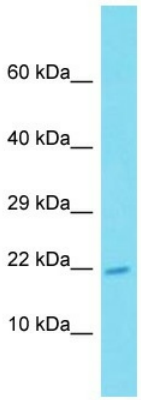
Protein Pathways: Epithelial cell signaling in Helicobacter pylori infection, Metabolic pathways, Oxidative phosphorylation, Vibrio cholerae infection

Product images:



Host: Rabbit
Target Name: ATP6V0E2
Sample Type: Placenta lysates
Antibody Dilution: 1.0ug/ml