

## Product datasheet for **TA329773**

### ATP6V0D2 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-ATP6V0D2 antibody: synthetic peptide directed towards the middle region of human ATP6V0D2. Synthetic peptide located within the following region: GLRLLQAEDFDQMKNVADHYGVYKPLFEAVGGSGGKTLEDVYEREVQM
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>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	40 kDa
Gene Name:	ATPase H <sup>+</sup> transporting V0 subunit d2
Database Link:	<a href="#">NP_689778</a> <a href="#">Entrez Gene 245972 Human</a> <a href="#">Q8N8Y2</a>
Background:	ATP6V0D2 is the subunit of the integral membrane V0 complex of vacuolar ATPase. Vacuolar ATPase is responsible for acidifying a variety of intracellular compartments in eukaryotic cells, thus providing most of the energy required for transport processes in the vacuolar system. ATP6V0D2 may play a role in coupling of proton transport and ATP hydrolysis.
Synonyms:	ATP6D2; VMA6



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**Note:** Immunogen sequence homology: Dog: 100%; Pig: 100%; Rat: 100%; Human: 100%; Mouse: 100%; Bovine: 100%; Rabbit: 100%; Horse: 93%; Guinea pig: 86%

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

**Product images:**



WB Suggested Anti-ATP6V0D2 Antibody Titration:  
0.2-1 ug/ml; ELISA Titer: 1:312500; Positive  
Control: Transfected 293T