

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:

GLRLLAQAEDFDQMKNVADHYGVYKPLFEAVGGSGGKTLEDVFYEREVQM

Formulation: Liquid. 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

Store at -20°C as received.

Stability: Stable for 12 months from date of receipt.

Predicted Protein Size: 40 kDa

Gene Name: ATPase H+ transporting V0 subunit d2

Database Link: NP 689778

Entrez Gene 245972 Human

Q8N8Y2

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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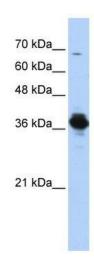
Note: Immunogen sequence homology: Dog: 100%; Pig: 100%; Rat: 100%; Human: 100%; Mouse:

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