

# ATP6V0D2 antibody - middle region

Rabbit Polyclonal Antibody

Catalog # AI13804

## Product Information

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|--------------------------|---------------------------------------------------------------------------|
| <b>Application</b>       | WB                                                                        |
| <b>Primary Accession</b> | <a href="#">Q8N8Y2</a>                                                    |
| <b>Other Accession</b>   | <a href="#">NM_152565</a> , <a href="#">NP_689778</a>                     |
| <b>Reactivity</b>        | Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Dog, Guinea Pig, Horse, Bovine |
| <b>Predicted</b>         | Pig, Dog, Guinea Pig, Horse                                               |
| <b>Host</b>              | Rabbit                                                                    |
| <b>Clonality</b>         | Polyclonal                                                                |
| <b>Calculated MW</b>     | 40426                                                                     |

## Additional Information

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| <b>Gene ID</b>                      | 245972                                                                                                                                                                                            |
| <b>Alias Symbol</b>                 | ATP6D2, FLJ38708, VMA6                                                                                                                                                                            |
| <b>Other Names</b>                  | V-type proton ATPase subunit d 2, V-ATPase subunit d 2, Vacuolar proton pump subunit d 2, ATP6V0D2                                                                                                |
| <b>Format</b>                       | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.                                                                                                 |
| <b>Reconstitution &amp; Storage</b> | Add 50 ul of distilled water. Final anti-ATP6V0D2 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles. |
| <b>Precautions</b>                  | ATP6V0D2 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.                                                                               |

## Protein Information

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| <b>Name</b>     | ATP6V0D2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Function</b> | Subunit of the V0 complex of vacuolar(H <sup>+</sup> )-ATPase (V-ATPase), a multisubunit enzyme composed of a peripheral complex (V1) that hydrolyzes ATP and a membrane integral complex (V0) that translocates protons. V-ATPase is responsible for acidifying and maintaining the pH of intracellular compartments and in some cell types, is targeted to the plasma membrane, where it is responsible for acidifying the extracellular environment (By similarity). May play a role in coupling of proton transport and ATP hydrolysis (By similarity). Regulator of osteoclast fusion and bone formation (By similarity). |

**Tissue Location**                      Kidney, osteoclast and lung.

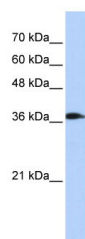
## References

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Smith A.N.,et al.Gene 297:169-177(2002).  
Ota T.,et al.Nat. Genet. 36:40-45(2004).

## Images

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WB Suggested Anti-ATP6V0D2 Antibody Titration: 0.2-1  
µg/ml.  
ELISA Titer: 1:62500  
Positive Control: Transfected 293T

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.