

**ATP6V0D2 Polyclonal Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP54883****Specification**

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**ATP6V0D2 Polyclonal Antibody - Product Information**

Application	WB, E
Primary Accession	<a href="#">Q8N8Y2</a>
Reactivity	Rat, Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	40426

**ATP6V0D2 Polyclonal Antibody - Additional Information****Gene ID** 245972**Other Names**

V-type proton ATPase subunit d 2, V-ATPase subunit d 2, Vacuolar proton pump subunit d 2, ATP6V0D2

**Format**

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

**Storage**

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

**ATP6V0D2 Polyclonal Antibody - Protein Information****Name** ATP6V0D2**Function**

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.

**ATP6V0D2 Polyclonal Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**ATP6V0D2 Polyclonal Antibody - Images**