

ATP6V0D2 antibody - middle region
Rabbit Polyclonal Antibody
Catalog # AI13804**Specification**

ATP6V0D2 antibody - middle region - Product Information

Application	WB
Primary Accession	Q8N8Y2
Other Accession	NM_152565 , NP_689778
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog
Predicted Host	Pig, Horse, Guinea Pig, Dog
Clonality	Rabbit
Calculated MW	Polyclonal 40kDa KDa

ATP6V0D2 antibody - middle region - Additional Information**Gene ID** 245972**Alias Symbol** ATP6D2, FLJ38708, VMA6**Other Names**

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

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

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.

Precautions

ATP6V0D2 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

ATP6V0D2 antibody - middle region - Protein Information**Name** ATP6V0D2**Function**

Subunit of the V0 complex of vacuolar(H⁺)-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).

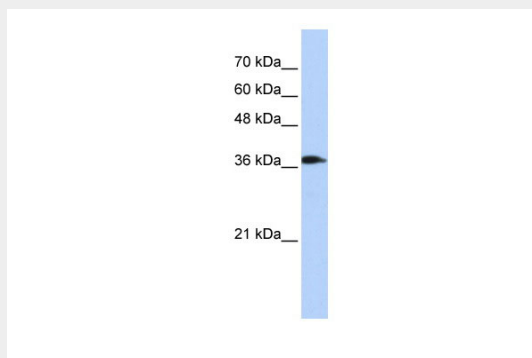
Tissue Location

Kidney, osteoclast and lung.

ATP6V0D2 antibody - middle region - 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 antibody - middle region - Images

WB Suggested Anti-ATP6V0D2 Antibody Titration: 0.2-1 µg/ml.

ELISA Titer: 1:62500

Positive Control: Transfected 293T

ATP6V0D2 antibody - middle region - References

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