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# anti-ATP6V1D antibody



#### Overview

Quantity:	100 μg
Target:	ATP6V1D
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ATP6V1D antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Flow Cytometry (FACS), Immunoprecipitation (IP)

#### **Product Details**

Immunogen:	ATPase, H+ transporting, lysosomal 34kDa, V1 subunit D
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

### **Target Details**

Target:	ATP6V1D
Alternative Name:	ATP6V1D (ATP6V1D Products)
Background:	Synonyms:ATP6M, VATD Background:Subunit of the peripheral V1 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

## **Target Details**

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	vacuolar system(By similarity). May play a role in cilium biogenesis through regulation of the transport and the localization of proteins to the cilium.
Molecular Weight:	28 kDa
Gene ID:	51382
UniProt:	Q9Y5K8
Pathways:	Transition Metal Ion Homeostasis, Proton Transport
Application Details	
Application Notes:	WB: 1:500-1:2000, IP: 1:500-1:2000, IHC: 1:20-1:200
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	-20°C for 12 months (Avoid repeated freeze / thaw cycles.)
Expiry Date:	12 months