

## Datasheet for ABIN631307

# anti-ATP6V1C1 antibody (N-Term)





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Quantity:	100 μL	
Target:	ATP6V1C1	
Binding Specificity:	N-Term	
Reactivity:	Human, Rat, Mouse	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This ATP6V1C1 antibody is un-conjugated	
Application:	Western Blotting (WB)	
Product Details		
Immunogen:	ATP6 V6 1 antibody was raised using the N terminal of ATP6 6 1 corresponding to a region with	
	amino acids MILLEVNNRIIEETLALKFENAAAGNKPEAVEVTFADFDGVLYHISNPNG	
Specificity:	ATP6 V6 1 antibody was raised against the N terminal of ATP6 6 1	
Purification:	Affinity purified	
Target Details		
Target:	ATP6V1C1	
Alternative Name:	ATP6V1C1 (ATP6V1C1 Products)	
Background:	ATP6V1C1 is a component of vacuolar ATPase (V-ATPase), a multisubunit enzyme that	
	mediates acidification of intracellular compartments of eukaryotic cells. V-ATPase dependent	
	acidification is necessary for such intracellular processes as protein sorting, zymogen	
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Larget Details		
	activation, receptor-mediated endocytosis, and synaptic vesicle proton gradient generation.	
Molecular Weight:	ht: 42 kDa (MW of target protein)	
Pathways:	Transition Metal Ion Homeostasis, Proton Transport	
Application Details		
Application Notes:	WB: 1 µg/mL	
	Optimal conditions should be determined by the investigator.	

## Comment:

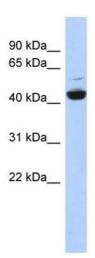
ATP6V1C1 Blocking Peptide, catalog no. 33R-6113, is also available for use as a blocking control in assays to test for specificity of this ATP6V1C1 antibody

#### Restrictions:

For Research Use only

## Handling

Format:	Lyophilized
Reconstitution:	Lyophilized powder. Add distilled water for a 1 mg/mL concentration of ATPO 0 1 antibody in PBS
Concentration:	Lot specific
Buffer:	PBS
Handling Advice:	Avoid repeated freeze/thaw cycles.  Dilute only prior to immediate use.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.



### **Western Blotting**

**Image 1.** ATP6V1C1 antibody used at 1 ug/ml to detect target protein.