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## anti-ATP6V1C2 antibody (AA 276-304)





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Background:

Quantity:	400 μL
Target:	ATP6V1C2
Binding Specificity:	AA 276-304
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ATP6V1C2 antibody is un-conjugated
Application:	Western Blotting (WB)
Product Details	
Immunogen:	This ATP6V1C2 antibody is generated from rabbits immunized with a KLH conjugated synthetic
	peptide between 276-304 amino acids from the Central region of human ATP6V1C2.
Clone:	RB37563
Isotype:	lg Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.
Target Details	
Target:	ATP6V1C2
Alternative Name:	ATP6V1C2 (ATP6V1C2 Products)

This gene encodes a component of vacuolar ATPase (V-ATPase), a multisubunit enzyme that

mediates acidification of eukaryotic intracellular organelles. V-ATPase dependent organelle
acidification is necessary for such intracellular processes as protein sorting, zymogen
activation, receptor-mediated endocytosis, and synaptic vesicle proton gradient generation. V-
ATPase is composed of a cytosolic V1 domain and a transmembrane V0 domain. The V1
domain consists of three A,three B, and two G subunits, as well as a C, D, E, F, and H subunit.
The V1 domain contains the ATP catalytic site. This gene encodes alternate transcriptional
splice variants, encoding different V1 domain C subunit isoforms.

 Molecular Weight:
 48759

 Gene ID:
 245973

 NCBI Accession:
 NP\_001034451, NP\_653184

 UniProt:
 Q8NEY4

Pathways: Transition Metal Ion Homeostasis, Proton Transport

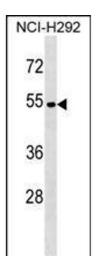
### **Application Details**

Application Notes: WB: 1:1000

Restrictions: For Research Use only

#### Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
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:	4 °C,-20 °C
Storage Comment:	ATP6V1C2 Antibody (Center) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.
Expiry Date:	6 months



#### **Western Blotting**

**Image 1.** ATP6V1C2 Antibody (Center) (ABIN1538227 and ABIN2849357) western blot analysis in NCI- cell line lysates (35  $\mu$ g/lane).This demonstrates the ATP6V1C2 antibody detected the ATP6V1C2 protein (arrow).