

V-ATPase C2 Polyclonal Antibody

Cat No: HR1AP6506

For research use only

Overview

Product Name	V-ATPase C2 Polyclonal Antibody
Source	Rabbit
Applications	WB,ELISA
Species Reactivity	Human
Recommended Dilutions	
Immunogen	
Species	Rabbit
Storage	-20°C/1 year
Isotype	
Clonality	
Concentration	1 mg/ml
Observed band	48kDa
GeneID?Human?	ATP6V1C2
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	ATP6V1C2; V-type proton ATPase subunit C 2; V-ATPase subunit C 2; Vacuolar proton pump subunit C 2
Background	<p>ATPase H⁺ transporting V1 subunit C2(ATP6V1C2) Homo sapiens 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. [provided by RefSeq, Jul 2008],</p>