



# V-ATPase C2 rabbit pAb

Cat No.:ES5395

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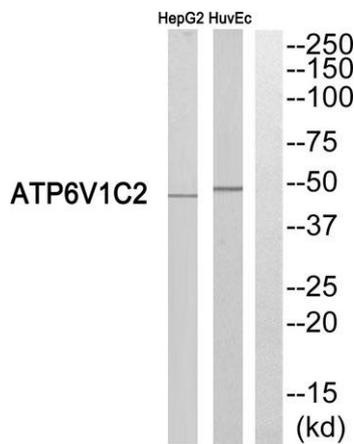
## Overview

<b>Product Name</b>	V-ATPase C2 rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;ELISA
<b>Species Cross-Reactivity</b>	Human;Rat;Mouse;
<b>Recommended dilutions</b>	Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other applications.
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human ATP6V1C2. AA range:121-170
<b>Specificity</b>	V-ATPase C2 Polyclonal Antibody detects endogenous levels of V-ATPase C2 protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	V-type proton ATPase subunit C 2
<b>Gene Name</b>	ATP6V1C2
<b>Cellular localization</b>	vacuolar proton-transporting V-type ATPase, V1 domain,lysosomal membrane,cytosol,proton-transporting V-type ATPase, V1 domain,extracellular exosome,
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	48kD
<b>Human Gene ID</b>	245973
<b>Human Swiss-Prot Number</b>	Q8NEY4
<b>Alternative Names</b>	ATP6V1C2; V-type proton ATPase subunit C 2; V-ATPase subunit C 2; Vacuolar proton pump subunit C 2
<b>Background</b>	This gene encodes a component of vacuolar ATPase (V-ATPase), a multisubunit enzyme that mediates

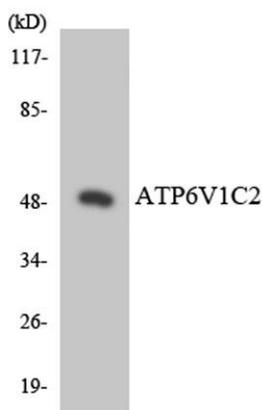




acidification of eukaryotic intracellular organelles. V-ATPase dependent organelle acidification is necessary for such intracellular processes as protein sorting, zymogen activation, receptor-mediated endocytosis, and synaptic vesicle proton gradient generation. V-ATPase is composed of a cytosolic V1 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],



Western blot analysis of ATP6V1C2 Antibody. The lane on the right is blocked with the ATP6V1C2 peptide.



Western blot analysis of the lysates from HT-29 cells using ATP6V1C2 antibody.

