

产品名称: V-ATPase C2 Rabbit Polyclonal Antibody
产品货号: APRab19734



产品概述 (Summary)

产品名称 (Production Name)	V-ATPase C2 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,ELISA
种属反应性 (Reactivity)	Human,Rat,Mouse

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	ATP6V1C2
别名 (Alternative Names)	ATP6V1C2; V-type proton ATPase subunit C 2; V-ATPase subunit C 2; Vacuolar proton pump subunit C 2
基因 ID (Gene ID)	245973.0
蛋白 ID (SwissProt ID)	Q8NEY4.The antiserum was produced against synthesized peptide derived from human ATP6V1C2. AA range:121-170

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,ELISA 1:10000-1:20000
蛋白分子量 (Molecular Weight)	48kDa

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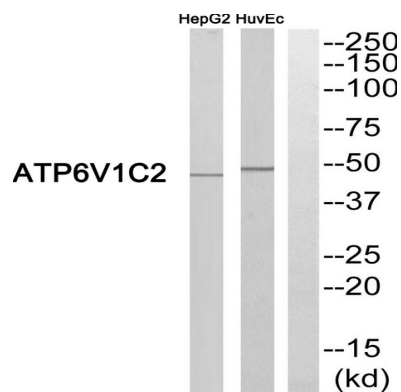
研究背景 (Background)

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],function:Subunit of the peripheral V1 complex of vacuolar ATPase. Subunit C is necessary for the assembly of the catalytic sector of the enzyme and is likely to have a specific function in its catalytic activity. V-ATPase is responsible for acidifying a variety of intracellular compartments in eukaryotic cells.,similarity:Belongs to the V-ATPase C subunit family.,subunit:V-ATPase is an heteromultimeric enzyme composed of a peripheral catalytic V1 complex (components A to H) attached to an integral membrane V0 proton pore complex (components: a, c, c' and d),tissue specificity:Kidney and placenta,

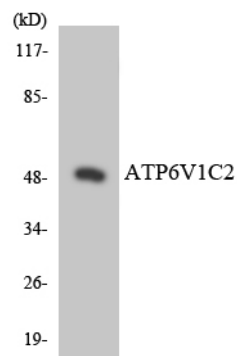
研究领域 (Research Area)

Oxidative phosphorylation;Vibrio cholerae infection;Epithelial cell signaling in Helicobacter pylori infection;

图片 (Image Data)



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



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

注意事项 (Note)

For research use only .