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ATP6V1A Rabbit pAb

货号: **AYP18843**

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB IHC
推荐浓度	WB: 1:500 - 1:2000 IHC: 1:100 - 1:200
理论分子量	64kDa/68kDa
实测分子量	68kDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thiomersal,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	293T,LO2,HeLa,Mouse brain,Mouse heart,Mouse kidney
细胞定位	apical plasma membrane,cytosol,extracellular exosome,microvillus,nucleoplasm,plasma membrane
纯化	Affinity purification

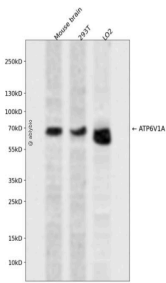
抗原信息

抗原信息	A synthetic peptide corresponding to a sequence within amino acids 500-600 of human ATP6V1A (NP_001681.2).
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靶点信息

研究背景	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 trans membrane V0 domain. The V1 domain consists of three A and three B subunits, two G subunits plus the C, D, E, F, and H subunits. The V1 domain contains the ATP catalytic site. The V0 domain consists of five different subunits: a, c, c', c', and d. Additional isoforms of many of the V1 and V0 subunit proteins are encoded by multiple genes or alternatively spliced transcript variants. This encoded protein is one of two V1 domain A subunit isoforms and is found in all tissues. Transcript variants derived from alternative polyadenylation exist.
基因ID	523
基因名	ATP6V1A
Swiss	P38606 (https://www.uniprot.org/uniprotkb/P38606/entry)
别名	ATP6V1A,ATP6A1,ATP6V1A1,HO68,VA68,VPP2,Vma1,ARCL2D,ATP6V1A Rabbit pAb,V-ATPase 69 kDa subunit,Vacuolar ATPase isoform VA68,Vacuolar proton pump subunit alpha

产品验证



Western blot analysis of ATP6V1A expressed in Mouse brain,293T,LO2 using ATP6V1A Rabbit pAb at 1:100. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

实验步骤

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