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ATP6V0A1 Rabbit pAb

货号: **AYP18553**

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB IF/ICC
推荐浓度	WB: 1:500 - 1:2000 IF/ICC: 1:50 - 1:200
理论分子量	95kDa/96kDa
实测分子量	95kDa/96kDa
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	mouse brain tissue, rat brain tissue
细胞定位	Cytoplasmic vesicle membrane,Melanosome,Multi-pass membrane protein
纯化	Affinity purification

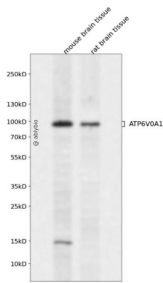
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 60-300 of human ATP6V0A1 (NP_001123493.1).
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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 gene encodes one of three A subunit proteins and the encoded protein is associated with clathrin-coated vesicles. Three transcript variants encoding different isoforms have been found for this gene.
基因ID	535
基因名	ATP6V0A1
Swiss	Q93050 (https://www.uniprot.org/uniprotkb/Q93050/entry)
别名	ATP6V0A1,ATP6N1,ATP6N1A,Stv1,VPP1,Vph1,a1,ATP6V0A1 Rabbit pAb,Clathrin-coated vesicle/synaptic vesicle proton pump 116 kDa subunit,Vacuolar adenosine triphosphatase subunit Ac116,Vacuolar proton pump subunit 1,Vacuolar proton translocating ATPase 116 kDa subunit a isoform 1

产品验证



Western blot analysis of ATP6V0A1 expressed in mouse brain tissue, rat brain tissue using ATP6V0A1 Rabbit pAb at 1:1000. 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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