

ATP6V1B1 Rabbit pAb

货号: **AYP15257**

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	56kDa
实测分子量	57kDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	BT-474,MCF7,HepG2,Mouse testis,Mouse kidney
细胞定位	Endomembrane system,Peripheral membrane protein
纯化	Affinity purification

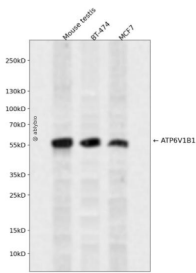
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 1-280 of human ATP6V1B1 (NP_001683.2).
序列	MAMEIDSRPGGLPGSSCNLGAAREHMQAVTRNYITHPRVTYRTVCSVNGPLVVLDRVKFAQYAEIVHFTLPDGTQRSGQV LEVAGTKAIVQVFEGTSGIDARKTTCEFTGDILRTPVSEDMLGRVFNCSGKPIDKGPVMAEDFLDINGQPINPHSRIYPEE MIQTGISPIDVMNSIARGQKIPIFSAAGLPHNEIAAQICRQAGLVKSKAVLDYHDDNFAIVFAAMGVNMETARFFKSDFEQ NGTMGNVCLFLNLANPTIERIITPRLALTTAEFLA

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 transmembrane 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 B subunit isoforms and is found in the kidney. Mutations in this gene cause distal renal tubular acidosis associated with sensorineural deafness.
基因ID	525
基因名	ATP6V1B1
Swiss	P15313
别名	ATP6V1B1;ATP6B1;RTA1B;VATB;VMA2;VPP3

产品验证



Western blot analysis of ATP6V1B1 expressed in Mouse testis, BT-474, MCF7 using ATP6V1B1 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: 120 S.

实验步骤

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