ATP6V1B1 Rabbit Polyclonal Antibody

CAB6876

Product Information

Product SKU:	CAB6876	**Gene ID**:	525	**Size**:	20uL, 100uL
Clone No:	-	**Host Species:**	Rabbit	**Reactivity**:	Human,Mouse,Rat

Additional Information

Observed MW:	57kDa	**Conjugate:**	Unconjugated
Calculated MW:	57kDa	**Isotype:**	IgG

Immunogen Information

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 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.
Recommended Dilution:	WB,1:500 - 1:2000 IF/ICC,1:50 - 1:200
Synonyms:	VATB; VMA2; VPP3; DRTA2; RTA1B; ATP6B1; ATP6V1B1
Purifcation Method:	Affinity purification
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-280 of human ATP6V1B1 (NP_001683.2).
Storage:	Store at -20℃. Avoid freeze / thaw cycles.Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

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