

#### OriGene Technologies, Inc.

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# Product datasheet for TA356711

# **ATP6V1E1 Rabbit Polyclonal Antibody**

## **Product data:**

Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	The immunogen is a synthetic peptide directed towards the N-terminal region of Human VATE1
Specificity:	<b>Expected reactivity</b> : Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Sheep, Zebrafish <b>Homology</b> : Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Sheep: 100%; Zebrafish: 100%
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. Note that this product is shipped as lyophilized powder to China customers.
Concentration:	lot specific
Purification:	Affinity purified
Conjugation:	Unconjugated
Storage:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	24kDa
Gene Name:	ATPase H+ transporting V1 subunit E1
Database Link:	<u>NP_001687</u> <u>Entrez Gene 529 Human</u> <u>P36543</u>



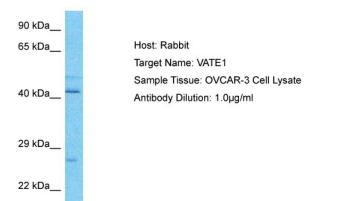
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### **GRIGENE** ATP6V1E1 Rabbit Polyclonal Antibody – TA356711

Background:This gene encodes a component of vacuolar ATPase (V-ATPase), a multisubunit enzyme that<br/>mediates acidification of eukaryotic intracellular organelles. V-ATPase dependent organelle<br/>acidification is necessary for such intracellular processes as protein sorting, zymogen<br/>activation, receptor-mediated endocytosis, and synaptic vesicle proton gradient generation.<br/>V-ATPase is composed of a cytosolic V1 domain and a transmembrane V0 domain. The V1<br/>domain consists of three A, three B, and two G subunits, as well as a C, D, E, F, and H subunit.<br/>The V1 domain contains the ATP catalytic site. This gene encodes alternate transcriptional<br/>splice variants, encoding different V1 domain E subunit isoforms. Pseudogenes for this gene<br/>have been found in the genome.

#### Synonyms: ATP6E; ATP6E2; ATP6V1E; P31; Vma4

## **Product images:**



Host: Rabbit Target Name: VATE1 Sample Type: OVCAR-3 Whole Cell lysates Antibody Dilution: 1.0ug/ml

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