

## ATP6V1A Rabbit pAb

db22341

Package : 20µL 50µL 100µL

**Product Name** : ATP6V1A Rabbit pAb**Cat.No.:** db22341**Synonyms** : HO68; VA68; VPP2; Vma1; ARCL2D; ATP6A1; IECEE3; ATP6V1A1**Application** : WB, IHC, IP**Reactivity** : Human, Mouse, Rat**Host species** : Rabbit**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 A subunit isoforms and is found in all tissues. Transcript variants derived from alternative polyadenylation exist. [provided by RefSeq, Jul 2008]

**Immunogen**

Recombinant protein of human ATP6V1A

**Gene ID**

523

**Swiss Prot**

P38606

**Synonyms**

HO68; VA68; VPP2; Vma1; ARCL2D; ATP6A1; IECEE3; ATP6V1A1

**Reactivity**

Human, Mouse, Rat

**Application**

WB, IHC, IP

**Recommended dilution**WB: 1:1000  
IHC: 1:100  
IP: 1:20**Calculated MW**

68 kDa

**Observed MW**

68 kDa

**Host species**

Rabbit

Clonality	Polyclonal
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.