

## ATP6V0A1 Rabbit pAb

CatalogNo: YN6062

### Key Features

#### Host Species

- Rabbit

#### Reactivity

- Human, Mouse, Rat

#### Applications

- WB

#### MW

- 92kD (Calculated)

#### Isotype

- IgG

### Storage

**Storage\*** -15°C to -25°C/1 year (Do not lower than -25°C)

**Formulation** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

### Recommended Dilution Ratios

WB 1:500-2000

### Basic Information

**Clonality** Polyclonal

### Immunogen Information

**Immunogen** Synthesized peptide derived from human ATP6V0A1. AA range:251-351

**Specificity** This antibody detects endogenous levels of ATP6V0A1 at Human, Mouse, Rat

### Target Information

**Gene name** ATP6V0A1 ATP6N1 ATP6N1A VPP1

**Protein Name** V-type proton ATPase 116 kDa subunit a isoform 1 (V-ATPase 116 kDa isoform a1) (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)

Organism	Gene ID	UniProt ID
Human	<a href="#">535</a> ;	<a href="#">Q93050</a> ;
Mouse	<a href="#">11975</a> ;	<a href="#">Q9Z1G4</a> ;
Rat	<a href="#">29757</a> ;	<a href="#">P25286</a> ;

**Cellular Localization** Cytoplasmic vesicle, clathrin-coated vesicle membrane ; Multi-pass membrane protein . Cytoplasmic vesicle, secretory vesicle, synaptic vesicle membrane ; Multi-pass membrane protein . Melanosome . Identified by mass spectrometry in melanosome fractions from stage I to stage IV. .

**Function** Subunit of the V0 complex of vacuolar(H<sup>+</sup>)-ATPase (V-ATPase), a multisubunit enzyme composed of a peripheral complex (V1) that hydrolyzes ATP and a membrane integral complex (V0) that translocates protons . V-ATPase is responsible for acidifying and maintaining the pH of intracellular compartments and in some cell types, is targeted to the plasma membrane, where it is responsible for acidifying the extracellular environment (By similarity). Required for assembly and activity of the vacuolar ATPase (By similarity).

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## | Validation Data

## | Contact information

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**ATP6V0A1 Rabbit pAb**

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