

VATL Rabbit pAb

CatalogNo: YT8085

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- IHC, WB

MW

- 17kD (Calculated)

Isotype

- IgG

Recommended Dilution Ratios

WB 1:500-2000

IHC 1:50-200

Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)**Formulation** Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.

Basic Information

Clonality Polyclonal

Immunogen Information

Immunogen Synthesized peptide derived from human N-terminal VATL**Specificity** This antibody detects endogenous levels of VATL at Human, Mouse, Rat

Target Information

Gene name ATP6V0C ATP6C ATP6L ATPL

Protein Name V-type proton ATPase 16 kDa proteolipid subunit (V-ATPase 16 kDa proteolipid subunit)
(Vacuolar proton pump 16 kDa proteolipid subunit)

| Organism | Gene ID | UniProt ID |
|----------|--------------------------|--------------------------|
| Human | 527 ; | P27449 ; |
| Mouse | 11984 ; | P63082 ; |
| Rat | 170667 ; | P63081 ; |

Cellular Localization Cytoplasmic vesicle, clathrin-coated vesicle membrane ; Multi-pass membrane protein .
Cytoplasmic vesicle, secretory vesicle, synaptic vesicle membrane ; Multi-pass membrane protein .

Function Proton-conducting pore forming of the V0 complex of vacuolar(H⁺)-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).

| Validation Data

| Contact information

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VATL Rabbit pAb

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