

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, 0.5% BSA 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 ATP6L

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

Orders:

order.cn@immunoway.com

Support:

support.cn@immunoway.com

Telephone:

400-8787-807(China)

Website:

http://www.immunoway.com.cn

Address:

2200 Ringwood Ave San Jose, CA 95131 USA



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