

VATC1 Rabbit pAb

CatalogNo: YN1509

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB, ELISA

MW

- 42kD (Observed)

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

ELISA 1:5000-20000

Basic Information

Clonality Polyclonal

Immunogen Information

Immunogen Synthesized peptide derived from part region of human protein. AA range:101-201

Specificity VATC1 Polyclonal Antibody detects endogenous levels of protein.

Target Information

Gene name ATP6V1C1 ATP6C ATP6D VATC

Protein Name V-type proton ATPase subunit C 1 (V-ATPase subunit C 1) (Vacuolar proton pump subunit C 1)

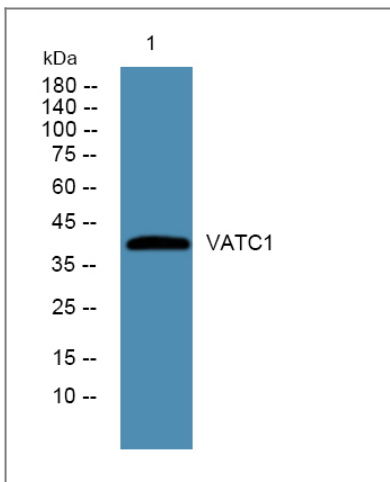
Organism	Gene ID	UniProt ID
Human	528;	P21283;
Mouse		Q9Z1G3;
Rat		Q5FVI6;

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

Tissue specificity Ubiquitous.

Function Function:Subunit of the peripheral V1 complex of vacuolar ATPase. Subunit C is necessary for the assembly of the catalytic sector of the enzyme and is likely to have a specific function in its catalytic activity. V-ATPase is responsible for acidifying a variety of intracellular compartments in eukaryotic cells. ,similarity:Belongs to the V-ATPase C subunit family. ,subunit:V-ATPase is an heteromultimeric enzyme composed of a peripheral catalytic V1 complex (components A to H) attached to an integral membrane V0 proton pore complex (components: a , c , c' , c'' and d) . ,tissue specificity:Ubiquitous. ,

Validation Data



Western blot analysis of lysates from DU145 cells, primary antibody was diluted at 1:1000, 4°C over night

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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