

VATC1 Rabbit pAb

CatalogNo: YN1509

Key Features

Host Species

- Rabbit

Reactivity

- Human,Rat,Mouse

Applications

- WB,ELISA

MW

- 42kD (Observed)

Isotype

- IgG

Recommended Dilution Ratios

WB 1:500-2000

ELISA 1:5000-20000

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 part region of human protein

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)

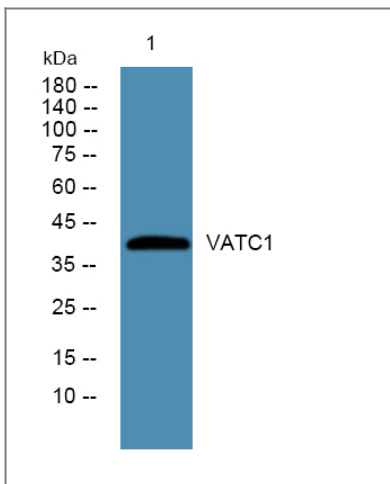
Organism	Gene ID	UniProt ID
Human	528;	P21283;
Mouse		Q9Z1G3;
Rat		Q5FVI6;

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° over night

Contact information

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