

V-ATPase H Rabbit pAb

CatalogNo: YT4861

Key Features

Host Species Reactivity **Applications** WB,IHC,IF,ELISA

 Rabbit Human, Mouse

MW Isotype 55kD (Observed) IgG

Recommended Dilution Ratios

WB 1:500-1:2000 IHC 1:100-1:300 **ELISA 1:20000** IF 1:50-200

Storage

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

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

Basic Information

Clonality Polyclonal

Immunogen Information

Immunogen The antiserum was produced against synthesized peptide derived from human ATP6V1H.

AA range:341-390

Specificity V-ATPase H Polyclonal Antibody detects endogenous levels of V-ATPase H protein.

Target Information

Gene name

ATP6V1H

Protein Name

V-type proton ATPase subunit H

Organism	Gene ID	UniProt ID
Human	<u>51606</u> ;	<u>Q9UI12;</u>
Mouse	<u>108664;</u>	Q8BVE3;

Cellular Localization

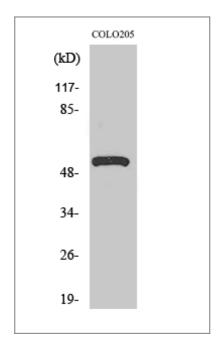
Cytoplasmic vesicle, clathrin-coated vesicle membrane; Peripheral membrane protein.

Tissue specificity Widely expressed.

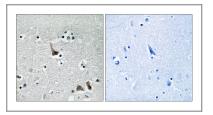
Function

Function:Subunit of the peripheral V1 complex of vacuolar ATPase. Subunit H activates the ATPase activity of the enzyme and couples ATPase activity to proton flow. Vacuolar ATPase is responsible for acidifying a variety of intracellular compartments in eukaryotic cells, thus providing most of the energy required for transport processes in the vacuolar system (By similarity). Involved in the endocytosis mediated by clathrin-coated pits, required for the formation of endosomes.,similarity:Belongs to the V-ATPase H 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). Interacts with HIV-1 Nef protein and AP2M1.,tissue specificity:Widely expressed.,

Validation Data



Western Blot analysis of various cells using V-ATPase H Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



Immunohistochemistry analysis of paraffin-embedded human brain tissue, using ATP6V1H Antibody. The picture on the right is blocked with the synthesized peptide.

| Contact information

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Please scan the QR code to access additional product information:

V-ATPase H Rabbit pAb

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Antibody | ELISA Kits | Protein | Reagents