

V-ATPase H Rabbit pAb

CatalogNo: YT4861

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse

Applications

- WB, IHC, IF, ELISA

MW

- 55kD (Observed)

Isotype

- 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)

Formulation

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

Basic Information

Clonality

Polyclonal

Immunogen Information

Immunogen

The antiserum was produced against synthesized peptide derived from human ATP6V1H. AA range: 341-390

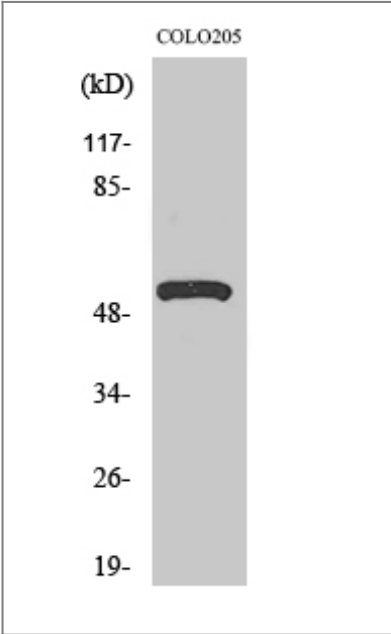
Specificity

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

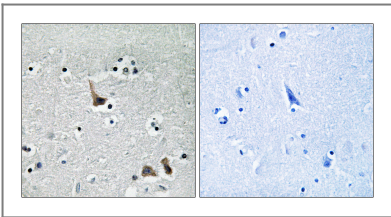
Target Information

Gene name	ATP6V1H		
Protein Name	V-type proton ATPase subunit H		
	Organism	Gene ID	UniProt ID
	Human	51606 ;	Q9UI12 ;
	Mouse	108664 ;	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

Orders: order@immunoway.com
Support: tech@immunoway.com
Telephone: 877-594-3616 (Toll Free), 408-747-0185
Website: <http://www.immunoway.com>
Address: 2200 Ringwood Ave San Jose, CA 95131 USA



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**V-ATPase H Rabbit
pAb**

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