

V-ATPase D Rabbit pAb

CatalogNo: YT4860

Orthogonal Validated 

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat, Swine

Applications

- WB, ELISA

MW

- 28kD (Observed)

Isotype

- IgG

Recommended Dilution Ratios

WB 1:500-1:2000**ELISA 1:40000****Not yet tested in other applications.**

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

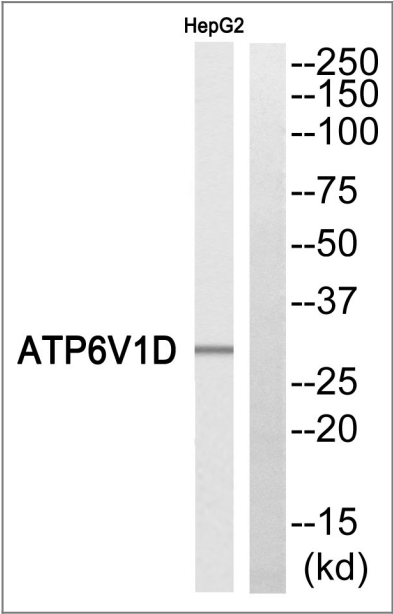
Immunogen Synthesized peptide derived from V-ATPase D . at AA range: 70-150**Specificity** V-ATPase D Polyclonal Antibody detects endogenous levels of V-ATPase D protein.

Target Information

Gene name ATP6V1D

Protein Name	V-type proton ATPase subunit D		
	Organism	Gene ID	UniProt ID
	Human	51382;	Q9Y5K8;
	Mouse	73834;	P57746;
Cellular Localization	Membrane ; Peripheral membrane protein ; Cytoplasmic side . Cytoplasmic vesicle, clathrin-coated vesicle membrane ; Peripheral membrane protein . Cytoplasm, cytoskeleton, microtubule organizing center, centrosome . Cell projection, cilium . Localizes to centrosome and the base of the cilium. .		
Tissue specificity	Bone marrow,Brain,Heart,Pancreatic adenocarcinoma,Pituitary,Placent		
Function	Function:Subunit of the peripheral V1 complex of vacuolar ATPase. 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.,similarity:Belongs to the V-ATPase D 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).,.		

Validation Data



Western blot analysis of ATP6V1D Antibody. The lane on the right is blocked with the ATP6V1D peptide.

Contact information

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**V-ATPase D Rabbit
pAb**

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