

VATL rabbit pAb

Catalog No :	YT8085
Reactivity :	Human;Mouse;Rat
Applications :	IHC;WB
Target :	ATP6V0C
Gene Name :	ATP6V0C ATP6C ATP6L ATPL
Protein Name :	V-type proton ATPase 16 kDa proteolipid subunit (V-ATPase 16 kDa proteolipid subunit) (Vacuolar proton pump 16 kDa proteolipid subunit)
Human Gene Id :	527
Human Swiss Prot No :	P27449
Mouse Gene Id :	11984
Mouse Swiss Prot No :	P63082
Rat Gene Id :	170667
Rat Swiss Prot No :	P63081
Immunogen :	Synthesized peptide derived from human N-terminal VATL
Specificity :	This antibody detects endogenous levels of VATL at Human, Mouse,Rat
Formulation :	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500-2000 IHC 1:50-200
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Concentration : 1 mg/ml**Storage Stability :** -15°C to -25°C/1 year(Do not lower than -25°C)**Molecularweight :** 17kD**Function :** Proton-conducting pore forming of the V0 complex of vacuolar(H⁺)-ATPase (V-ATPase), a multisubunit enzyme composed of a peripheral complex (V1) that hydrolyzes ATP and a membrane integral complex (V0) that translocates protons . V-ATPase is responsible for acidifying and maintaining the pH of intracellular compartments and in some cell types, is targeted to the plasma membrane, where it is responsible for acidifying the extracellular environment (By similarity).**Subcellular Location :** Cytoplasmic vesicle, clathrin-coated vesicle membrane ; Multi-pass membrane protein . Cytoplasmic vesicle, secretory vesicle, synaptic vesicle membrane ; Multi-pass membrane protein .

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