ATP6V0A1 mouse mAb

Catalog No	BYmab-18049
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	ATP6V0A1 ATP6N1 ATP6N1A VPP1
Protein Name	V-type proton ATPase 116 kDa subunit a isoform 1 (V-ATPase 116 kDa isoform a1) (Clathrin-coated vesicle/synaptic vesicle proton pump 116 kDa subunit) (Vacuolar adenosine triphosphatase subunit Ac116)
Immunogen	Synthesized peptide derived from human ATP6V0A1
Specificity	This antibody detects endogenous levels of ATP6V0A1 at Human, Mouse,Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	92kD
Cell Pathway	Cytoplasmic vesicle, clathrin-coated vesicle membrane ; Multi-pass membrane protein . Cytoplasmic vesicle, secretory vesicle, synaptic vesicle membrane ; Multi-pass membrane protein . Melanosome . Identified by mass spectrometry in melanosome fractions from stage I to stage IV. .
Tissue Specificity	
Function	Subunit 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). Required for assembly and activity of the vacuolar ATPase (By similarity).

Background

matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images