

V ATPase B1 (14P5) Rabbit Monoclonal Antibody

Catalog# HZ-YMA01654

Product information

产品货号	HZ-YMA01654
别名	ATP6V1B1;ATP6B1;VATB;VPP3;V-type proton ATPase subunit B;kidney isoform;V-ATPase subunit B 1;Endomembrane proton pump 58 kDa subunit;Vacuolar proton pump subunit B 1
产品名称	V ATPase B1 (14P5) Rabbit Monoclonal Antibody
类别	抗体产品
基因名称	ATP6V1B1
推荐应用	WB,IHC-P,IF-P,IF-F,IF-ICC,ELISA
反应种属	Human,Mouse,Rat
存储缓冲液	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Human Gene ID	525
Human Swissprot No.	P15313
稀释度	IHC-P 1:200-1:1000;WB 1:2000-1:10000;IF-P/IF-F/IF-ICC 1:200-1:1000;ELISA 1:5000-1:20000
参考分子量	55kDa
预测分子量	57kDa
运输及保存条件	Biological ice bag transportation. Store at -20℃ for at least 12 months(Do not lower than -25℃). Avoid freeze/thaw cycles
宿主	Rabbit
同种型	IgG,Kappa
背景介绍	This gene encodes a component of vacuolar ATPase (V-ATPase) , a multisubunit enzyme that mediates acidification of eukaryotic intracellular organelles. V-ATPase dependent organelle acidification is necessary for such intracellular processes as protein sorting , zymogen activation , receptor-mediated endocytosis , and synaptic vesicle proton gradient generation. V-ATPase is composed of a cytosolic V1 domain and a transmembrane V0 domain. The V1 domain consists of three A and three B subunits , two G subunits plus the C , D , E , F , and H subunits. The V1 domain contains the ATP catalytic site. The V0 domain consists of five different subunits: a , c , c' , c' , and d. Additional isoforms of many of the V1 and V0 subunit proteins are encoded by multiple genes or alternatively spliced transcript variants. This encoded protein is one of two V1 domain B subunit isoforms and is found in
细胞定位	Apical cell membrane . Basolateral cell membrane .
纯化	Recombinant Antibody expressed in animal component-free (ACF) media, purified via Protein A affinity chromatography.
Clonality	Monoclonal