抗小鼠ATP6V0D2多克隆抗体

Anti-Mouse ATP6V0D2 Polyclonal Antibody

货号：RB9T37037352

在您使用本产品前请认真阅读说明书，这对您顺利完成实验很有帮助。

产品编码 RB9T37037352	中文名称 抗小鼠ATP6V0D2多克隆抗体
英文名称 Anti-Mouse ATP6V0D2 Polyclonal Antibody	
形态 Liquid	内毒素水平 Please contact with the lab for this information.
应用 ELISA, IHC, WB	
登录号 Q80SY3	宿主种属 Rabbit
克隆性 Polyclonal	抗体亚型 IgG
纯化方式 Purified by antigen affinity column.	种属反应性 Human, Mouse, Rat
靶标 ATP6V0D2, V-ATPase subunit d 2, V-type proton ATPase subunit d 2, Vacuolar proton pump subunit d 2	免疫原 E. coli - derived recombinant Mouse ATP6V0D2 (Met1-Leu350).

产品使用说明

ELISA:1:5000-1:20000;IHC:1:50-1:500;WB:1:500-1:2000

背景信息

V-type proton ATPase subunit d 2 (ATP6V0D2) is a ~40 kDa protein. 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. May play a role in coupling of proton transport and ATP hydrolysis. Regulator of osteoclast fusion and bone formation.

1. Nishi, T. et al. (2003) The Journal of biological chemistry 278, 46396-402. PMID: 12963731

2. Lee, SH. et al. (2006) Nature medicine 12, 1403-9. PMID: 17128270

储存缓冲液

0.01M PBS, pH 7.4, 50% Glycerol, 0.05% Proclin 300.

For research use only