

产品名称: ATP2C1 Mouse Monoclonal Antibody
产品货号: AMM80809



产品概述 (Summary)

产品名称 (Production Name)	ATP2C1 Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	WB,IHC,ELISA
种属反应性 (Reactivity)	Human,Monkey

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	Mouse IgG1
克隆 (Clonality)	Monoclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	PBS containing 0.03% sodium azide.
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	ATP2C1
别名 (Alternative Names)	HHD; BCPM; PMR1; SPCA1
基因 ID (Gene ID)	27032.0
蛋白 ID (SwissProt ID)	P98194.Purified recombinant fragment of ATP2C1 expressed in E. Coli.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:200-1:1000,ELISA 1:5000-1:20000
蛋白分子量 (Molecular Weight)	100kDa

研究背景 (Background)

ATP2C1, also known as PMR1, it belongs to the family of P-type cation transport ATPases. This magnesium-dependent enzyme catalyzes the hydrolysis of ATP coupled with the transport of the calcium. The human homologue, ATP2C1 (also

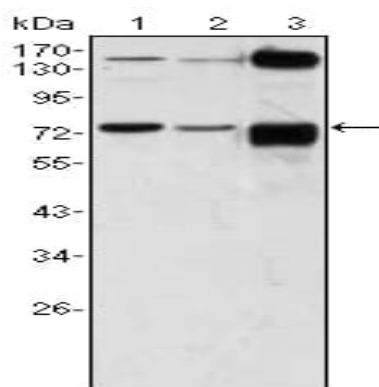
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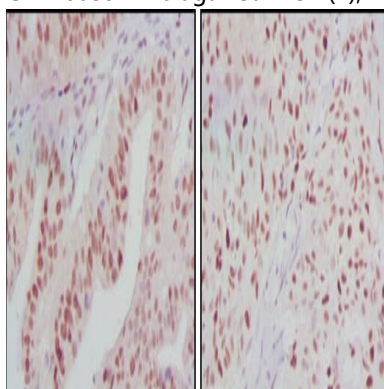
designated SPLA in rat), also regulates the transport of calcium in the Golgi complex and is related to other P-type ATPases family members, such as the sarco(endo)plasmic calcium ATPase (SERCA) and the plasma membrane calcium ATPase (PCMA). ATP2C1 is a transmembrane protein that exists as two splice variants, which vary by 20 amino acids. Defects in ATP2C1 cause Hailey-Hailey disease, which is an autosomal dominant disorder that is characterized by blisters and erosions of the skin. These findings provide further evidence that PMR1 plays a key role in maintaining the integrity of the epidermis by controlling intracellular calcium signaling.

研究领域 (Research Area)

图片 (Image Data)



Western blot analysis using ATP2C1 mouse mAb against A431 (1), Hela (2) and HEK293 (3) cell lysate.



Immunohistochemical analysis of paraffin-embedded human ovarian cancer (left) and breast cancer (right) tissues using ATP2C1 mouse mAb with DAB staining.

注意事项 (Note)

For research use only .