

AT2B3 Rabbit Polyclonal Antibody

Catalog# UZ-PA01025

Product information

产品货号	UZ-PA01025
产品名称	AT2B3 Rabbit Polyclonal Antibody
类别	抗体产品
基因名称	ATP2B3
推荐应用	WB,ELISA
反应种属	Human,Rat
存储缓冲液	Liquid in PBS containing 50% glycerol, and 0.02% New type preservative N.
Human Gene ID	492
Human Swissprot No.	Q16720
免疫原	Synthesized peptide derived from human protein . at AA range: 140-220
稀释度	WB 1:500-2000, ELISA 1:5000-20000
预测分子量	134kDa
运输及保存条件	-20°C/1 year
宿主	Rabbit
同种型	Rabbit,IgG
背景介绍	The protein encoded by this gene belongs to the family of P-type primary ion transport ATPases characterized by the formation of an aspartyl phosphate intermediate during the reaction cycle. These enzymes remove bivalent calcium ions from eukaryotic cells against very large concentration gradients and play a critical role in intracellular calcium homeostasis. The mammalian plasma membrane calcium ATPase isoforms are encoded by at least four separate genes and the diversity of these enzymes is further increased by alternative splicing of transcripts. The expression of different isoforms and splice variants is regulated in a developmental, tissue- and cell type-specific manner, suggesting that these pumps are functionally adapted to the physiological needs of particular cells and tissues. This gene encodes the plasma membrane calcium ATPase isoform 3. Alternatively spliced transcripts
细胞定位	Cell membrane ; Multi-pass membrane protein . Cell junction, synapse, presynaptic cell membrane ; Multi-pass membrane protein . Localized at parallel fiber terminals. .
纯化	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal