

CAC1A Rabbit Polyclonal Antibody

Catalog# UZ-PA02011

Product information

产品货号	UZ-PA02011
别名	CACH4;CACN3;CACNL1A4
产品名称	CAC1A Rabbit Polyclonal Antibody
类别	抗体产品
基因名称	CACNA1A
推荐应用	IHC-P,IF-P,IF-F,IF-ICC
反应种属	Human,Mouse,Rat
存储缓冲液	Liquid in PBS containing 50% glycerol, and 0.02% New type preservative N.
Human Gene ID	773
Human Swissprot No.	O00555
免疫原	Synthesized peptide derived from human protein . at AA range: 1401-1450
稀释度	IHC-P 1:50-300, IF-P/IF-F/IF-ICC 1:50-200
预测分子量	275kDa
运输及保存条件	-20°C/1 year
宿主	Rabbit
同种型	Rabbit,IgG
背景介绍	calcium voltage-gated channel subunit alpha1 A(CACNA1A) Homo sapiens Voltage-dependent calcium channels mediate the entry of calcium ions into excitable cells , and are also involved in a variety of calcium-dependent processes, including muscle contraction, hormone or neurotransmitter release, and gene expression. Calcium channels are multisubunit complexes composed of alpha-1, beta, alpha-2/delta , and gamma subunits. The channel activity is directed by the pore-forming alpha-1 subunit, whereas, the others act as auxiliary subunits regulating this activity . The distinctive properties of the calcium channel types are related primarily to the expression of a variety of alpha-1 isoforms, alpha-1A, B, C, D, E, and S. This gene encodes the alpha-1A subunit, which is predominantly expressed in neuronal tissue. Mutations in this gene are associated with 2 neurologic disorders, familial hemiplegic migraine and episodic ataxia 2. This gene also exhibits
细胞定位	Cell membrane ; Multi-pass membrane protein .
纯化	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal