兔抗 CACNA1A 多克隆抗体

中文名称：兔抗 CACNA1A 多克隆抗体

英文名称： Anti-CACNA1A rabbit polyclonal antibody

别　名： BI; EA2; FHM; MHP; APCA; HPCA; MHP1; SCA6; CAV2.1; CACNL1A4

相关类别： 一抗

储　存： 冷冻（-20℃）

抗　原： CACNA1A

宿　主： Rabbit

反应种属： Human

标记物： Unconjugate

克隆类型： rabbit polyclonal

技术规格

Background:	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 n

	euronal tissue. Mutations in this gene are associated with 2 neurologic disorders, familial hemiplegic migraine and episodic ataxia 2. This gene also exhibits polymorphic variation due to (CAG)n-repeats. Multiple transcript variants encoding different isoforms have been found for this gene. In one set of transcript variants, the (CAG)n-repeats occur in the 3' UTR, and are not associated with any disease. But in another set of variants, an insertion extends the coding region to include the (CAG)n-repeats which encode a polyglutamine tract. Expansion of the (CAG)n-repeats from the normal 4-16 to 21-28 in the coding region is associated with spinocerebellar ataxia 6.
Applications:	ELISA, IHC
Name of antibody:	CACNA1A
Immunogen:	Synthetic peptide of human CACNA1A
Full name:	calcium channel, voltage-dependent, P/Q type, alpha 1A subunit
Synonyms :	BI; EA2; FHM; MHP; APCA; HPCA; MHP1; SCA6; CAV2.1; CACNL1A4
SwissProt:	O00555
ELISA Recommended dilution:	1000-2000
IHC positive control:	Human liver cancer and Human gastric cancer
IHC Recommend dilution:	15-50