

兔抗 CACNA2D2 多克隆抗体

中文名称：兔抗 CACNA2D2 多克隆抗体

英文名称： Anti-CACNA2D2 rabbit polyclonal antibody

别名： CACNA2D

相关类别： 一抗

储存： 冷冻（-20℃）

宿主： Rabbit

抗原： CACNA2D2

反应种属： Human, Mouse, Rat

标记物： Unconjugate

克隆类型： rabbit polyclonal

技术规格

Background:

Calcium channels mediate the entry of calcium ions into the cell upon membrane polarization. This gene encodes the alpha-2/delta subunit of the voltage-dependent calcium channel complex. The complex consists of the main channel-forming subunit alpha-1, and auxiliary subunits alpha-2/delta, beta, and gamma. The auxiliary subunits function in the assembly and membrane localization of the complex, and modulate calcium currents and channel activation/inactivation kinetics. The subunit encoded by this gene undergoes post-translational cleavage to yield the extracellular alpha2 peptide and a membrane-anchored delta polypeptide. This subunit is a receptor for the antiepileptic

	drug, gabapentin. Mutations in this gene are associated with early infantile epileptic encephalopathy. Single nucleotide polymorphisms in this gene are correlated with increased sensitivity to opioid drugs. Alternative splicing results in multiple transcript variants encoding different isoforms.
Applications:	ELISA, IHC
Name of antibody:	CACNA2D2
Immunogen:	Synthetic peptide of human CACNA2D2
Full name:	calcium voltage-gated channel auxiliary subunit alpha 2delta 2
Synonyms:	CACNA2D
SwissProt:	Q9NY47
ELISA Recommended dilution:	5000-10000
IHC positive control:	Human colorectal cancer
IHC Recommend dilution:	25-100

