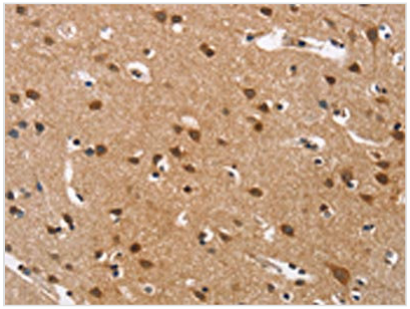
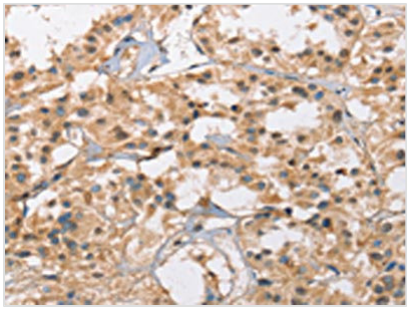
CACNA1D Antibody

Product Code	CSB-PA123907
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	Q01668
Immunogen	Synthetic peptide of Human CACNA1D
Raised In	Rabbit
Species Reactivity	Human,Rat
Tested Applications	ELISA,IHC;ELISA:1:2000-1:5000,IHC:1:50-1:200
Relevance	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, namely alpha-1A, B, C, D, E, and S. This gene encodes the alpha-1D subunit. Several transcript variants encoding different isoforms have been found for this gene.
Form	Liquid
Conjugate	Non-conjugated
Storage Buffer	-20°C, pH7.4 PBS, 0.05% NaN3, 40% Glycerol
Purification Method	Antigen affinity purification
Isotype	IgG
Species	Homo sapiens (Human)
Target Names	CACNA1D
Image	 The image on the left is immunohistochemistry of paraffin-embedded Human brain tissue using CSB-PA123907(CACNA1D Antibody) at dilution 1/40, on the right is treated with synthetic peptide. (Original magnification: ×200)



The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using CSB-PA123907(CACNA1D Antibody) at dilution 1/40, on the right is treated with synthetic peptide. (Original magnification: ×200)