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Quantity:	100 μL
Target:	CACNA1E
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CACNA1E antibody is un-conjugated
Application:	Immunohistochemistry (IHC), ELISA

Product Details

Immunogen:	Synthetic peptide of Human CACNA1E
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Antigen affinity purification

Target Details

Target:	CACNA1E
Alternative Name:	CACNA1E (CACNA1E Products)
Background:	Background: Voltage-dependent calcium channels are multisubunit complexes consisting of alpha-1, alpha-2, beta, and delta subunits in a 1:1:1:1 ratio. These 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, gene

expression, cell motility, cell division and cell death. This gene encodes the alpha-1E subunit of the R-type calcium channels, which belong to the 'high-voltage activated' group that maybe involved in the modulation of firing patterns of neurons important for information processing. Alternatively spliced transcript variants encoding different isoforms have been described for this gene

Aliases: alpha-1 polypeptide antibody, BII antibody, Brain calcium channel II antibody, CAC 1E antibody, CAC1E antibody, CAC1E_HUMAN antibody, CACH 6 antibody, CACH6 antibody, CACNA1E antibody, CacnI1 a6 antibody, CACNL1A6 antibody, Calcium channel antibody, Calcium channel, L type, alpha 1 polypeptide, isoform 6 antibody, calcium channel, R type antibody, Cav 2.3 antibody, Cchra 1 antibody, Cchra1 antibody, isoform 6 antibody, L type antibody, Voltage dependent R type calcium channel subunit alpha 1E antibody, Voltage gated calcium channel subunit alpha-1E antibody, Voltage-gated calcium channel subunit alpha-1E antibody, Voltage-gated calcium channel subunit alpha Cav2.3 antibody

UniProt:

Q15878

Pathways:

Carbohydrate Homeostasis

Application Details

Application Notes:

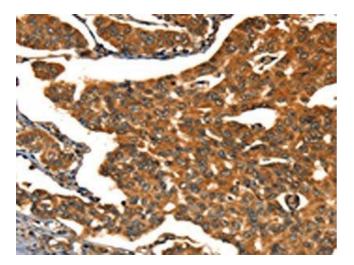
ELISA:1:1000-1:2000, IHC:1:25-1:100,

Restrictions:

For Research Use only

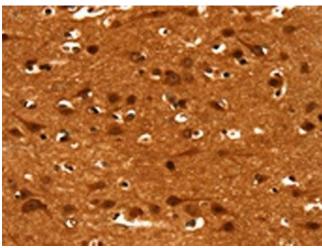
Handling

Format:	Liquid
Buffer:	-20 °C, pH 7.4 PBS, 0.05 % Sodium azide, 40 % Glycerol
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunohistochemistry

Image 1. The image on the left is immunohistochemistry of paraffin-embedded Human breast cancer tissue using ABIN7190038(CACNA1E Antibody) at dilution 1/15, on the right is treated with synthetic peptide. (Original magnification: x200)



Immunohistochemistry

Image 2. The image on the left is immunohistochemistry of paraffin-embedded Human brain tissue using ABIN7190038(CACNA1E Antibody) at dilution 1/15, on the right is treated with synthetic peptide. (Original magnification: x200)