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anti-CACNA1C antibody (AA 1978-2139)

3 Images



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Purification:

Quantity:	100 μL
Target:	CACNA1C
Binding Specificity:	AA 1978-2139
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CACNA1C antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)
Product Details	
Purpose:	Polyclonal Antibody to Calcium Channel, Voltage Dependent, L-Type, Alpha 1C Subunit (CACNa1C)
Purpose: Immunogen:	
	(CACNa1C) Recombinant Calcium Channel, Voltage Dependent, L-Type, Alpha 1C Subunit (CACNa1C)
Immunogen:	(CACNa1C) Recombinant Calcium Channel, Voltage Dependent, L-Type, Alpha 1C Subunit (CACNa1C) corresdonding to Ser1978~Leu2139

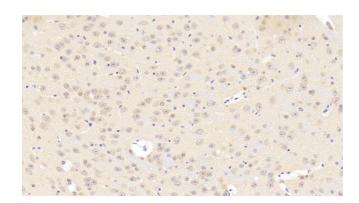
Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details		
Target:	CACNA1C	
Alternative Name:	Calcium Channel, Voltage Dependent, L-Type, Alpha 1C Subunit (CACNA1C Products)	
Background:	CACH2, CACN2, CACNL1A1, CCHL1A1, CaV1.2, TS, Voltage-gated calcium channel subunit alpha Cav1.2, Calcium channel, L type, alpha-1 polypeptide, isoform 1, cardiac muscle	
Pathways:	Hormone Transport, Carbohydrate Homeostasis	
Application Details		
Application Notes:	Western blotting: 0.5-2 μg/mL	
	Immunohistochemistry: 5-20 μg/mL	
	language and a character of COO control	

	Immunohistochemistry: 5-20 μg/mL
	Immunocytochemistry: 5-20 μg/mL
	Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated
	thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious
	degradation and precipitation were observed. The loss rate is less than 5% within the expiration
	date under appropriate storage condition.
Restrictions:	For Research Use only

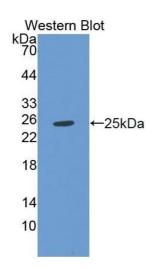
Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



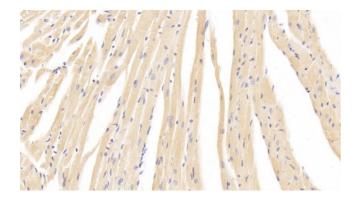
Immunohistochemistry

Image 1. Detection of CACNa1C in Mouse Cerebrum Tissue using Polyclonal Antibody to Calcium Channel, Voltage Dependent, L-Type, Alpha 1C Subunit (CACNa1C)



Western Blotting

Image 2. Detection of Recombinant CACNa1C, Mouse using Polyclonal Antibody to Calcium Channel, Voltage Dependent, L-Type, Alpha 1C Subunit (CACNa1C)



Immunohistochemistry

Image 3. Detection of CACNa1C in Mouse Cardiac Muscle
Tissue using Polyclonal Antibody to Calcium Channel,
Voltage Dependent, L-Type, Alpha 1C Subunit (CACNa1C)