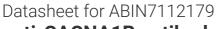
antibodies -online.com





anti-CACNA1B antibody



Go to Product page

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Quantity:	100 μg
Target:	CACNA1B
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CACNA1B antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

Product Details

Immunogen:	calcium channel, voltage-dependent, N type, alpha 1B subunit	
Isotype:	IgG	
Purification:	Immunogen affinity purified	
Purity:	≥95 % as determined by SDS-PAGE	

Target Details

Target:	CACNA1B	
Alternative Name:	CACNA1B (CACNA1B Products)	
Background: Synonyms:BIII, Brain calcium channel III, CACH5, CACNA1B, CACNL1A5, CACNN, Ca Background:Voltage-sensitive calcium channels(VSCC) mediate the entry of calcium excitable cells and are also involved in a variety of calcium-dependent processes, inc		
	muscle contraction, hormone or neurotransmitter release, gene expression, cell motility, cell	

Target Details

division and cell death. The isoform alpha-1B gives rise to N-type calcium currents. N-type calcium channels belong to the 'high-voltage activated'(HVA) group and are blocked by omega-conotoxin-GVIA(omega-CTx-GVIA) and by omega-agatoxin-IIIA(omega-Aga-IIIA). They are however insensitive to dihydropyridines(DHP), and omega-agatoxin-IVA(omega-Aga-IVA). Calcium channels containing alpha-1B subunit may play a role in directed migration of immature neurons.

Molecular Weight: 262 kDa

774

UniProt: Q00975

Application Details

Application Notes: WB: 1:200-1:1000, IHC: 1:50-1:500

Restrictions: For Research Use only

Handling

Gene ID:

Format:	Liquid	
Buffer:	PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,	
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	
Storage Comment:	-20°C for 12 months (Avoid repeated freeze / thaw cycles.)	
Expiry Date:	12 months	