

Rabbit anti - $\alpha_1 B$ calcium channel Polyclonal

Description: The expression of multiple classes of voltage dependent calcium channels (VDCC's) allows neurons to tailor calcium signaling to functionally discrete cellular regions. Although N-Type VDCC's exist before birth which is consistent with a role in migration, most N-Type VDCC's subunit expression is postnatal and is important in the genesis of synaptic transmission in discrete hippocampal fields (1). The rabbit anti $\alpha_1 B$ calcium channel antibody recognizes a 220 kDa band by western blot.

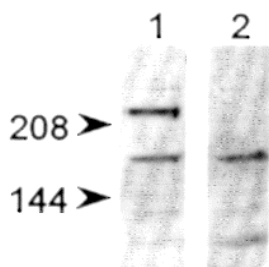
Product: rabbit anti $\alpha_1 B$ calcium channel antibody

Form: rabbit polyclonal IgG purified

Reactivity: Rat

Formulation: 1mg/ml, provided as 0.2 μ m sterile filtered solution in phosphate buffered saline with 0.08% sodium azide.

Applications: 1- 10 ug/ml for western blot analysis, immunofluorescence, immunoprecipitation.



Legend: Exalpha's antibody against the alpha1B recognizes a band of ~220 kD. on immunoblots of rat brain extracts (1) this band was blocked by the addition of specific peptide (2).

Storage: Antibodies should be stored at -20°C . Aliquot to avoid freeze/thaw cycles.

Stability: Antibodies are stable for one year from purchase if stored frozen.

Ordering Information:	Form Purified	Vial Size 100 ug	Catalog # X1034
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References:

1. Jones, O.T. et al. J.Neuroscience (1997) 17: 6152-6164

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