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Cav3.3 Polyclonal Antibody

Cat #: ABP57309 Size: 30μl /100μl /200μl

Product Information

	Product Name: Cav3.3 Polyclonal Antibody		
	Applications: IHC-P		**Isotype:** Rabbit IgG
	Reactivity: Human, Mouse, Rat		
REF	**Catalog Number:** ABP57309	LOT	**Lot Number:** Refer to product label
	Formulation: Liquid		**Concentration:** 1 mg/ml
	Storage: Store at -20°C. Avoid repeated freeze / thaw cycles.		**Note:** Contain sodium azide.

Background: CACNA1I(calcium voltage-gated channel subunit alpha1 I) encodes the pore-forming alpha subunit of a voltage gated calcium channel. The encoded protein is a member of a subfamily of calcium channels referred to as is a low voltage-activated, T-type, calcium channel. The channel encoded by this protein is characterized by a slower activation and inactivation compared to other T-type calcium channels. This protein may be involved in calcium signaling in neurons. Alternate splicing results in multiple transcript variants.

Application Notes: Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: IHC-P (1:100-1:200).

Storage Buffer: PBS containing 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.

Storage Instructions: Stable for one year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing.

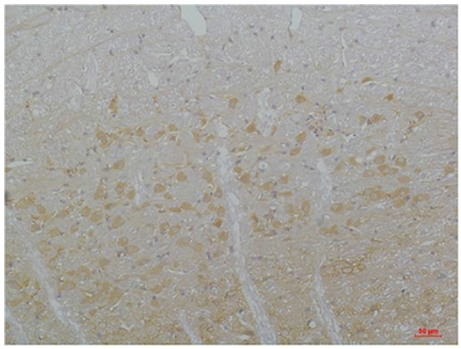
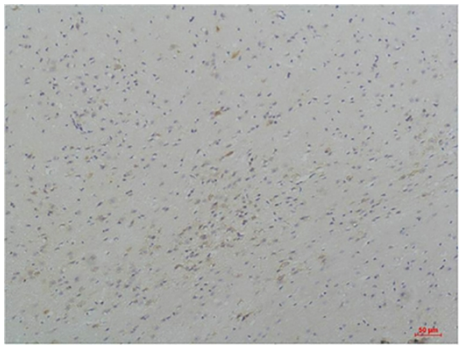


Fig.1. Immunohistochemical analysis of paraffin-embedded Rat Brain Tissue using Cav3.3Rabbit pAb diluted at 1:200.

	Fig.2. Immunohistochemical analysis of paraffin-embedded Mouse Brain Tissue using Cav3.3Rabbit pAb diluted at 1:200.

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