CaVα2δ1 Rabbit Polyclonal Antibody(A193)

Catalog	TDY469C	TDY469F	Tel：010-82908854
			Web：www.tdybio.com
Quantity	50μL	100μL	Entrez-Gene ID# 781, Swiss-Prot Acc.#P54289

For research use only.

Applications	Species Cross-Reactivity	Molecular Weight	Isotype
WB, IHC	**R**	**100-130KD**	**IgG**

Storage Buffer & Condition: Antigen Affinity Purified IgG in PBS, pH 7.4, containing 0.02% ***sodium azide*** as Preservative and 50% Glycerol.

Store at ***-20°C***. ***Do not aliquot the antibody***.

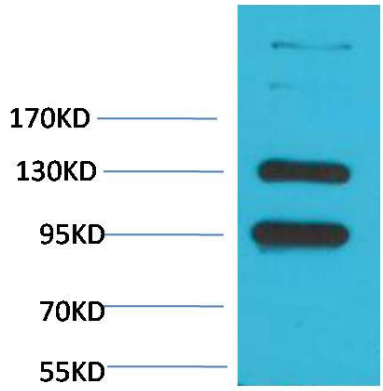
Recommended dilutions: **WB: 1:1,000-2,000 IHC: 1:100-200**

Optimal dilutions should be determined by the end user.

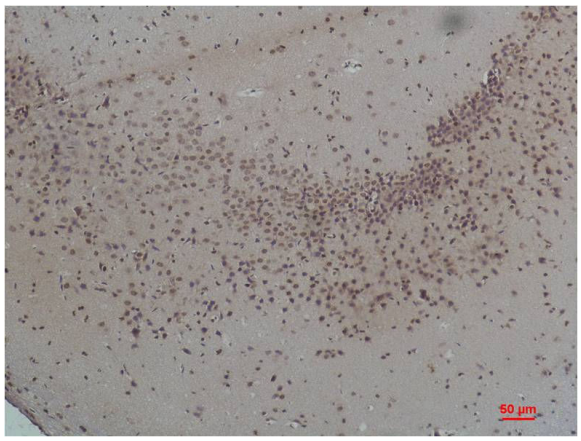
Specificity: Antibody can detects endogenous CaVα2δ1 protein.

Alternative Names: α_2/δ Subunit of Voltage-Gated Ca^{2+} Channel, α2 Subunit antibody, Cacna2d1 antibody, Calcium channel L type DHPR alpha 2 subunit antibody

Background: Voltage-gated Ca^{2+} channels (Ca_V), enable the passage of Ca^{2+} ions in a voltage dependent manner. These heteromeric entities are formed in part by the pore-forming α1 subunit which determines the biophysical and pharmacological properties of the channel.



Western blot analysis of Rat Brain Tissue with CaVα2δ1 Rabbit pAb TDY469 diluted at 1:2,000.



Immunohistochemical analysis of paraffin-embedded Rat Brain Tissue using CaV α2δ1 （TDY469）Rabbit pAb diluted at 1:200.