

Cacna2d4 Polyclonal Antibody
Catalog # AP68775**Specification**

Cacna2d4 Polyclonal Antibody - Product Information

Application	WB
Primary Accession	Q7Z3S7
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal

Cacna2d4 Polyclonal Antibody - Additional Information**Gene ID** 93589**Other Names**

CACNA2D4; Voltage-dependent calcium channel subunit alpha-2/delta-4; Voltage-gated calcium channel subunit alpha-2/delta-4

Dilution

WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other applications.

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

Cacna2d4 Polyclonal Antibody - Protein Information**Name** CACNA2D4**Function**

The alpha-2/delta subunit of voltage-dependent calcium channels regulates calcium current density and activation/inactivation kinetics of the calcium channel.

Cellular Location

Membrane; Single-pass type I membrane protein

Tissue Location

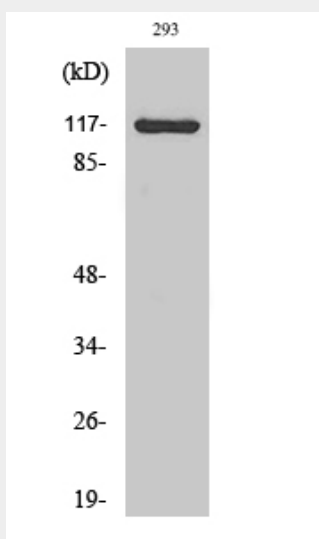
Predominantly expressed in certain types of endocrine cells. Present in the Paneth cells of the small intestine Also present in the erythroblasts in the fetal liver, in the cells of the zona reticularis of the adrenal gland and in the basophils of the pituitary. Present at low level in some brain regions such as the cerebellum (at protein level).

Cacna2d4 Polyclonal Antibody - Protocols

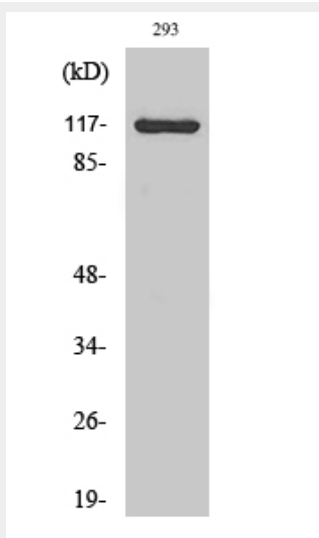
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Cacna2d4 Polyclonal Antibody - Images



Western Blot analysis of various cells using Cacna2d4 Polyclonal Antibody



Western Blot analysis of various cells using Cacna2d4 Polyclonal Antibody

Cacna2d4 Polyclonal Antibody - Background

The alpha-2/delta subunit of voltage-dependent calcium channels regulates calcium current density and activation/inactivation kinetics of the calcium channel.