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Anti-CACNA2D4 Antibody

Rabbit polyclonal antibody to CACNA2D4
Catalog # AP61011

Specification

Anti-CACNA2D4 Antibody - Product Information

Application	**WB**
Primary Accession	Q7Z3S7
Other Accession	Q5RJF7
Reactivity	**Human, Mouse, Rat**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**127938**

Anti-CACNA2D4 Antibody - Additional Information

Gene ID 93589

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

Target/Specificity
Recognizes endogenous levels of CACNA2D4 protein.

Dilution
WB~~WB (1/500 - 1/1000)

Format
Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

Storage
Store at -20 °C.Stable for 12 months from date of receipt

Anti-CACNA2D4 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

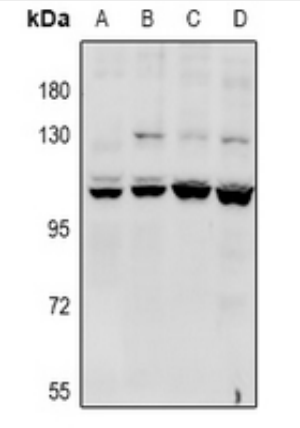
small intestine Also present in the erythroblasts in the fetal liver, in the cells of the zona reticularis of the adrenal gland and in the basophils of the pituitary. Present at low level in some brain regions such as the cerebellum (at protein level).

Anti-CACNA2D4 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 Cytomety
- Cell Culture

Anti-CACNA2D4 Antibody - Images



Western blot analysis of CACNA2D4 expression in HCT116 (A), HepG2 (B), AML12 (C), PC12 (D) whole cell lysates.

Anti-CACNA2D4 Antibody - Background

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human CACNA2D4. The exact sequence is proprietary.