

**Anti-CACNA2D4 Antibody**  
**Rabbit polyclonal antibody to CACNA2D4**  
**Catalog # AP61011****Specification**

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**Anti-CACNA2D4 Antibody - Product Information**

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|-------------------|------------------------|
| Application       | WB                     |
| Primary Accession | <a href="#">Q7Z3S7</a> |
| Other Accession   | <a href="#">Q5RJE7</a> |
| 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**

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

**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**

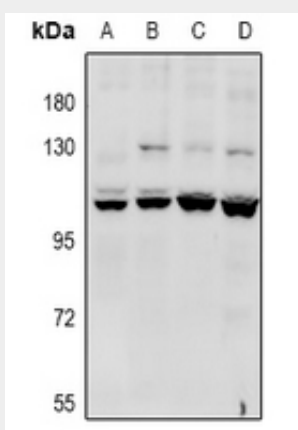
Predominantly expressed in certain types of endocrine cells. Present in the Paneth cells of the small intestine. Also present in the erythroblasts in the fetal liver, in the cells of the zona reticularis of the adrenal gland and in the basophils of the pituitary. Present at low level in some brain regions 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 Cytometry](#)
- [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

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