

**Anti-Human/Mouse/Rat CAV3.3 Polyclonal Antibody**

**Polyclonal Antibody**

**Cat.NO.: PA03941**

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3th Edition

**Description:** This gene 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. CACNA1I (Calcium Voltage-Gated Channel Subunit Alpha1 I) is a Protein Coding gene. Diseases associated with CACNA1I include Childhood Absence Epilepsy. Among its related pathways are CCR5 Pathway in Macrophages and PEDF Induced Signaling. GO annotations related to this gene include ion channel activity and low voltage-gated calcium channel activity. An important paralog of this gene is CACNA1H.

**Antigen:** Synthetic Peptide

**Form:**

**How to use:** 1.0 ml distilled water will be added to the product

**Stability:** Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

**Dilution:** PBS (pH7.4) containing 1% BSA

**Application:** This antibody can be used for western blotting in concentration of 1?5?g/ml.

**Specificity:** Brain specific.