

# Polyclonal Antibody to Calcium Channel, Voltage Dependent, L-Type, Alpha 1D Subunit (CACNa1D)

**Catalog No:** FY-AB48043

**Organism Species:** Mus musculus (Mouse)

**Application:** WB; IHC; ICC; IP.

**Alternative Names:** CACH3; CACN4; CACNL1A2; CCHL1A2; Cav1.3; Voltage-gated calcium channel subunit alpha Cav1.3; Calcium channel, L type, alpha-1 polypeptide, isoform 2

## PROPERTIES

|                      |   |
|----------------------|---|
| Source               | Polyclonal antibody preparation   |
| Host species         | Rabbit  |
| Cross Reactivity     | -   |
| Purification         | Antigen-specific + Protein A affinity chromatography  |
| Research Area        | Signal transduction;  |
| Appearance           | Liquid  |
| Size                 | 200 $\mu$ l;500 $\mu$ g/mL  |
| Formulation          | PBS, pH7.4, containing 0.02% NaN <sub>3</sub> , 50% glycerol.   |
| Immunogen            | -   |
| Application          | Western blotting: 0.2-2 $\mu$ g/mL,1:250-2500   |
|                      | Immunohistochemistry: 5-20 $\mu$ g/mL,1:25-100  |
|                      | Immunocytochemistry: 5-20 $\mu$ g/mL,1:25-100   |
| Storage instructions | Stable for 12 months. at -20°C from date of shipment.<br>Aliquot to avoid repeated freezing and thawing.<br>Store at 2-8°C for frequent use.<br>For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.  |
| Stability Test       | The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition. |

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