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Datasheet for ABIN4998889

anti-CACNA1F antibody (AA 1001-1100) (AbBy Fluor® 680)

Overview

| | |
|----------------------|--|
| Quantity: | 100 µL |
| Target: | CACNA1F |
| Binding Specificity: | AA 1001-1100 |
| Reactivity: | Mouse, Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This CACNA1F antibody is conjugated to AbBy Fluor® 680 |
| Application: | Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

Product Details

| | |
|-----------------------|---|
| Immunogen: | KLH conjugated synthetic peptide derived from human CACNA1F |
| Isotype: | IgG |
| Cross-Reactivity: | Mouse, Rat |
| Predicted Reactivity: | Human,Cow,Sheep,Pig |
| Purification: | Purified by Protein A. |

Target Details

| | |
|-------------------|---|
| Target: | CACNA1F |
| Alternative Name: | CACNA1F (CACNA1F Products) |
| Background: | Synonyms: CACNA 1F, CACNAF, CACNAF1, Calcium channel voltage dependent alpha 1F |

Target Details

subunit, Calcium channel voltage dependent L type alpha 1F subunit, Cav1.4, Cav1.4alpha1, COD 3, COD3, CORDX 3, CORDX, CORDX3, CSNB2A, CSNBX 2, CSNBX2, JM 8, JM8, JMC 8, JMC8, Voltage ated calcium channel subunit alpha Cav1.4, Voltage ependent L ype calcium channel subunit alpha F, CAC1F_HUMAN.

Background: Voltage-dependent Ca²⁺ channels mediate Ca²⁺ entry into excitable cells in response to membrane depolarization, and they are involved in a variety of Ca²⁺-dependent processes, including muscle contraction, hormone or neurotransmitter release and gene expression. Ca²⁺ currents are characterized on the basis of their biophysical and pharmacologic properties and include L-, N-, T-, P-, Q-, and R- types. L-type Ca²⁺ currents initiate muscle contraction, endocrine secretion, and gene transcription, and can be regulated through second-messenger activated protein phosphorylation pathways. L-type calcium channels may form macromolecular signaling complexes with G protein-coupled receptors, thereby enhancing the selectivity of regulating specific targets.

Gene ID: 778

UniProt: [O60840](#)

Application Details

Application Notes: IF(IHC-P) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months