Anti-CACNA1C antibody

Catalog Number: 175132

Product name

Anti-CACNA1C antibody

Specificity

Human, Mouse, Rat

Antibody description

Rabbit polyclonal antibody to CACNA1C

Preparation

This antigen of this antibody was synthetic peptide within human cacna1c aa 800-880.

Formulation

Liquid, 1*PBS (pH7.4), 0.2% BSA, 50% Glycerol. Preservative: 0.05% Sodium Azide.

Storage

Store at +4℃ after thawing. Aliquot store at -20℃. Avoid repeated freeze / thaw cycles.

Clonality

Polyclonal

Ig Type

IgG

Applications

Dot blot, ICC, IHC-P, FC

Dilutions

Dot Blot: 1:500-1:1,000

ICC: 1:500-1:2,000
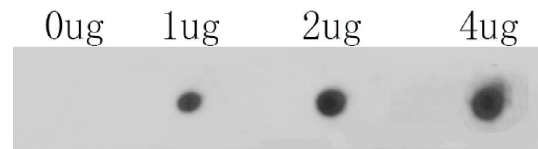
IHC-P: 1:50-1:200

FC: 1:50-1:100

Validations

Fig1: Dot blot analysis of anti-CACNA1C on PVDF. 1ug, 2ug and 4ug of immunization peptides were given in this test. Anti-CACNA1C antibody was diluted with 1/500.
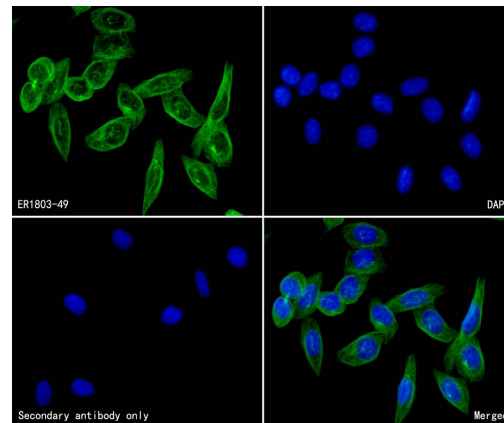

Fig2: ICC staining CACNA1C in SKOV-3 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.
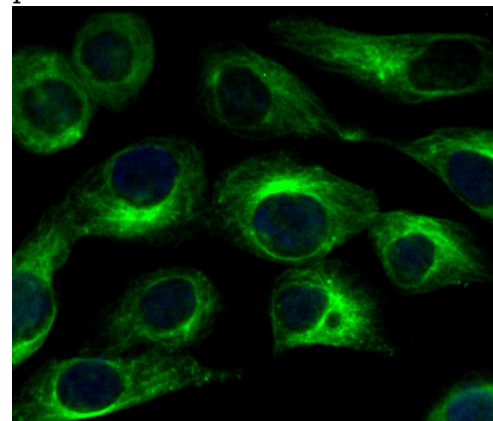

Fig3: Immunohistochemical analysis of paraffin-embedded rat brain tissue using anti-CACNA1C antibody. Counter stained with hematoxylin.
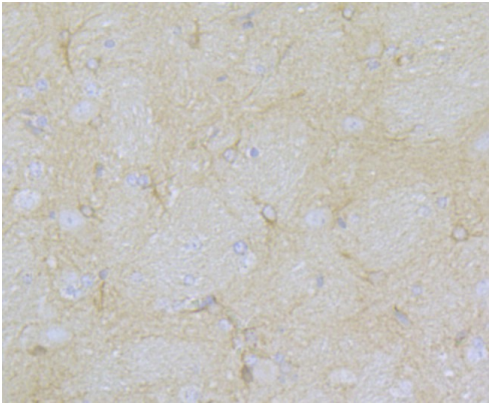
Fig4: Immunohistochemical analysis of paraffin-embedded human kidney tissue using anti-CACNA1C antibody. Counter stained with
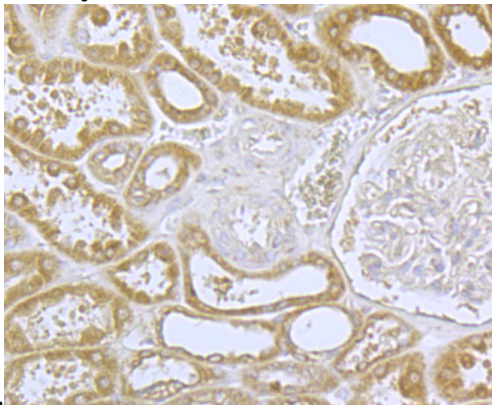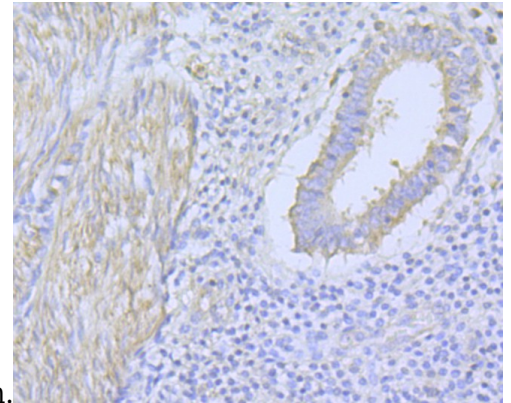

hematoxylin.

Fig5: Immunohistochemical analysis of paraffin-embedded human uterus tissue using anti-CACNA1C antibody. Counter stained with

hematoxylin.

Fig6: Immunohistochemical analysis of paraffin-embedded mouse heart tissue using anti-CACNA1C antibody. Counter stained with
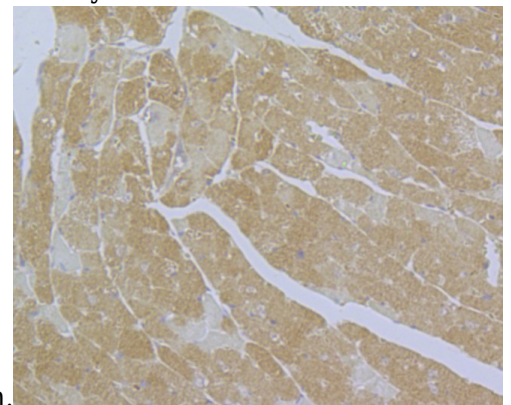

hematoxylin.

Fig7: Flow cytometric analysis of SKOV-3 cells with CACNA1C antibody at 1/100 dilution (fuchsia) compared with an unlabelled control (cells without incubation with primary antibody; yellow). Alexa Fluor 488-conjugated goat anti-rabbit IgG was used as the