

KCNS2 Rabbit pAb

Catalog No.: A15684

Basic Information

Observed MW

54kDa

Calculated MW

54kDa

Category

Primary antibody

Applications

WB,IF-P,ELISA

Cross-Reactivity

Human, Mouse, Rat

Background

Predicted to enable voltage-gated potassium channel activity. Predicted to be involved in potassium ion transmembrane transport and regulation of delayed rectifier potassium channel activity. Predicted to be located in perinuclear region of cytoplasm and plasma membrane. Predicted to be part of voltage-gated potassium channel complex. Predicted to be integral component of membrane.

Recommended Dilutions

WB 1:500 - 1:2000

IF-P 1:50 - 1:100

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

3788

Swiss Prot

Q9ULS6

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

KV9.2; KCNS2

Contact

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Product Information

Source

Rabbit

Isotype

IgG

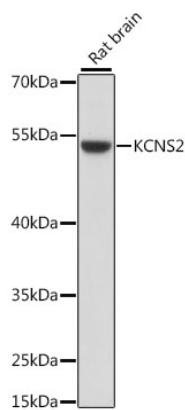
Purification

Affinity purification

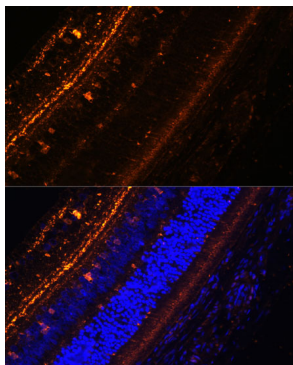
Storage

Store at -20°C

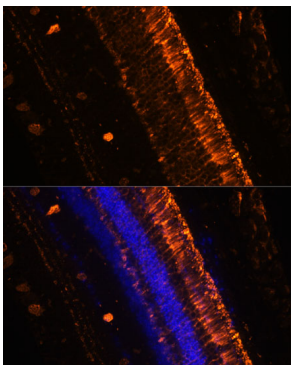
Validation Data



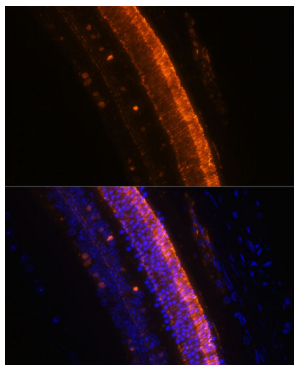
Western blot analysis of lysates from rat brain, using KCNS2 Rabbit pAb (A15684) at 1:1000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 90s.



Immunofluorescence analysis of paraffin-embedded rat eye using KCNS2 Rabbit pAb (A15684) at dilution of 1:100 (40x lens).
Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of paraffin-embedded mouse eye using KCNS2 Rabbit pAb (A15684) at dilution of 1:100 (20x lens).
Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of paraffin-embedded mouse eye using KCNS2 Rabbit pAb (A15684) at dilution of 1:100 (40x lens).
Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.