

Datasheet for ABIN7269478
anti-KCNS2 antibody (AA 1-187)



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4 Images

Overview

Quantity:	100 µL
Target:	KCNS2
Binding Specificity:	AA 1-187
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KCNS2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Purpose:	KCNS2 Rabbit pAb
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-187 of human KCNS2 (NP_065748.1).
Sequence:	MTGQSLWDVS EANVEDGEIR INVGGFKRRL RSHTLLRFPE TRLGRLLLCH SREAILELCD DYDDVQREFY FDRNPELFPY VLHFYHTGKL HVMAELCVFS FSQEIEYWGI NEFFIDSCCS YSYHGRKVEP EQEKWDEQSD QESTTSSFDE ILAFYNDASK FDGQPLGNFR RQLWLALDNP GYSVLSR
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies

Product Details

Purification: Affinity purification

Target Details

Target: KCNS2

Alternative Name: KCNS2 ([KCNS2 Products](#))

Background: Potassium channel subunit that does not form functional channels by itself. Can form functional heterotetrameric channels with KCNB1 and KCNB2, modulates the delayed rectifier voltage-gated potassium channel activation and deactivation rates of KCNB1 and KCNB2.,KCNS2,KV9.2,Cancer,Signal Transduction,Endocrine & Metabolism,Neuroscience,KCNS2

Molecular Weight: 54kDa

Gene ID: 3788

UniProt: [Q9ULS6](#)

Application Details

Application Notes: WB,1:500 - 1:2000,IHC,1:50 - 1:100,IF,1:50 - 1:100

Restrictions: For Research Use only

Handling

Format: Liquid

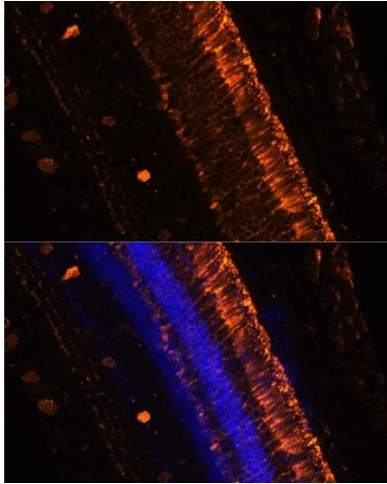
Buffer: PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.

Preservative: Sodium azide

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

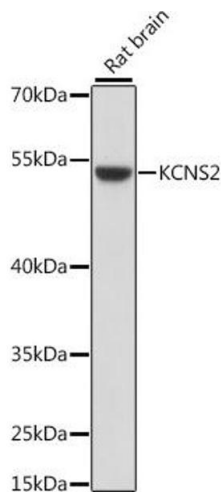
Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



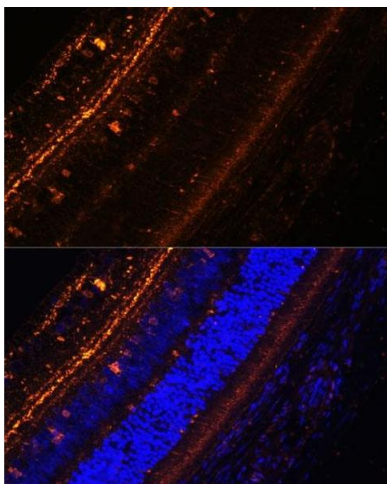
Immunofluorescence

Image 1. Immunofluorescence analysis of mouse eye using KCNS2 Polyclonal Antibody (ABIN7269478) at dilution of 1:100 (20x lens). Blue: DAPI for nuclear staining.



Western Blotting

Image 2. Western blot analysis of extracts of rat brain, using KCNS2 antibody (ABIN7269478) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 90s.



Immunofluorescence

Image 3. Immunofluorescence analysis of rat eye using KCNS2 Polyclonal Antibody (ABIN7269478) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7269478.