

Anti-KCNS2 antibody (1-187) (STJ118130)

GENERAL INFORMATION

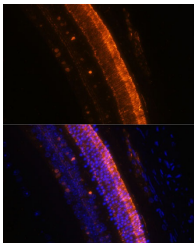
Product Type	Primary antibodies
Short Description	
Applications	WB/IF/ICC/ELISA
Host/Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

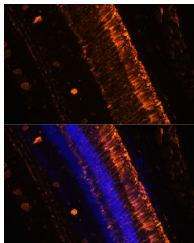
Clonality	Polyclonal
Clone ID	
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB: 1:500-1:2000 IF/CC: 1:50-1:100 ELISA: Recommended starting concentration is 1 μ g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.01% Thimerosal, 50% Glycerol, pH 7.3.
Isotype	IgG
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

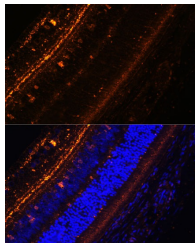
Gene ID	3788
Gene Symbol	KCNS2
Uniprot ID	KCNS2_HUMAN
Immunogen	
Immunogen Region	1-187
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 1-187 of human KCNS2 (NP_065748.1).
Immunogen Sequence	MTGQSLWDVSEANVEDGEIR INVGGFKRRLRSHTLLRFPE TRLGRLLCHSREAI LELCD DYDDVQREFYFDRNP LFPY VLHFYHTGKLHVMAELCVFS FSQEIEYWGINEFFIDSCCS YSYHGRKVEPEQEKWDEQSD QESTTSSFDEILAFYNDASK FDGQPLGNFRQLWLALDNP GYSVLSR



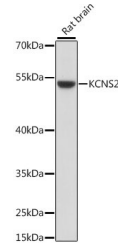
Immunofluorescence analysis of paraffin-embedded mouse eye using KCNS2 Rabbit polyclonal antibody (STJ118130) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of paraffin-embedded mouse eye using KCNS2 Rabbit polyclonal antibody (STJ118130) at dilution of 1:100 (20x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of paraffin-embedded rat eye using KCNS2 Rabbit polyclonal antibody (STJ118130) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Western blot analysis of lysates from rat brain using KCNS2 Rabbit polyclonal antibody (STJ118130) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJ500856) at 1:10000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.
St John's Laboratory Ltd, Knowledge Dock Business Centre, University Way, London, E16 2RD | Tel: 0208 223 3081