

## KCNS2 Polyclonal Antibody

catalog number: E-AB-66534

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

### Description

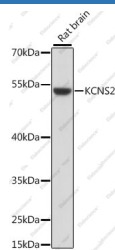
|                     |                                                                                    |
|---------------------|------------------------------------------------------------------------------------|
| <b>Reactivity</b>   | Human;Mouse;Rat                                                                    |
| <b>Immunogen</b>    | Recombinant fusion protein of human KCNS2 (NP_065748.1).                           |
| <b>Host</b>         | Rabbit                                                                             |
| <b>Isotype</b>      | Rabbit IgG                                                                         |
| <b>Purification</b> | Affinity purification                                                              |
| <b>Buffer</b>       | Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol. |

### Applications

### Recommended Dilution

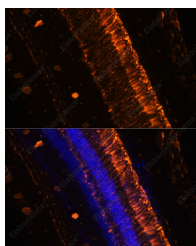
|           |              |
|-----------|--------------|
| <b>WB</b> | 1:500-1:2000 |
| <b>IF</b> | 1:50-1:100   |

### Data

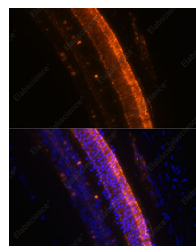


Western blot analysis of extracts of Rat brain using KCNS2 Polyclonal Antibody at dilution of 1:1000.

**Observed-MW:54 kDa**  
**Calculated-MW:54 kDa**



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



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

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

### Preparation & Storage

|                 |                                                                                                          |
|-----------------|----------------------------------------------------------------------------------------------------------|
| <b>Storage</b>  | Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.                                          |
| <b>Shipping</b> | The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended. |

### Background

### For Research Use Only

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KCNS2 (Potassium Voltage-Gated Channel Modifier Subfamily S Member 2) is a Protein Coding gene. Diseases associated with KCNS2 include Essential Tremor and Charcot-Marie-Tooth Disease, Recessive Intermediate B. Among its related pathways are Potassium Channels and Transmission across Chemical Synapses. Gene Ontology (GO) annotations related to this gene include ion channel activity and delayed rectifier potassium channel activity. An important paralog of this gene is KCNS3.