

## KCNN3 (SK3) Rabbit pAb

CatalogNo: YN5539

### | Key Features

#### Host Species

- Rabbit

#### Reactivity

- Human,Rat

#### Applications

- IHC,IF

#### MW

- 82kD (Observed)

#### Isotype

- IgG

### | Recommended Dilution Ratios

IHC 1:100-200

IF 1:50-200

### | Storage

**Storage\*** -15°C to -25°C/1 year(Do not lower than -25°C)

**Formulation** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

### | Basic Information

**Clonality** Polyclonal

### | Immunogen Information

**Immunogen** Synthetic Peptide of KCNN3 (SK3) AA range: 161-211

**Specificity** KCNN3(SK3) protein(A246) detects endogenous levels of KCNN3(SK3)

### | Target Information

**Gene name** KCNN3

**Protein Name** Small conductance calcium-activated potassium channel protein 3 (SK3) (SKCa 3) (SKCa3) (KCa2.3)

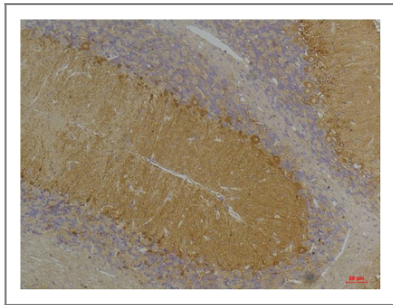
Organism	Gene ID	UniProt ID
Human	<a href="#">3782;</a>	<a href="#">Q9UGI6;</a>
Mouse		<a href="#">P58391;</a>
Rat		<a href="#">P70605;</a>

**Cellular Localization** Membrane; Multi-pass membrane protein.

**Tissue specificity** Atrium,Lymph,Non-pregnant myometrium,

**Function** Function:Forms a voltage-independent potassium channel activated by intracellular calcium. Activation is followed by membrane hyperpolarization. Thought to regulate neuronal excitability by contributing to the slow component of synaptic afterhyperpolarization. The channel is blocked by apamin.,polymorphism:The second poly-Gln region of KCNN3 is highly polymorphic and the number of Gln varies from 12 to 28 in the population.,similarity:Belongs to the potassium channel KCNN family.,subunit:Heterooligomer. The complex is composed of 4 channel subunits each of which binds to a calmodulin subunit which regulates the channel activity through calcium-binding.,

## Validation Data



Immunohistochemical analysis of paraffin-embedded Rat Brain Tissue using KCNN3(SK3) Rabbit pAb diluted at 1:200.

## Contact information

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**KCNN3 (SK3) Rabbit pAb**

