

## KCNN4 (SK4) Rabbit pAb

CatalogNo: YN5538

Orthogonal Validated 

### Key Features

#### Host Species

- Rabbit

#### Reactivity

- Human,Rat,Mouse

#### Applications

- WB,IHC,IF

#### MW

- 50kD (Observed)

#### Isotype

- IgG

### Recommended Dilution Ratios

WB 1:1000-2000

IHC 1:50-100

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

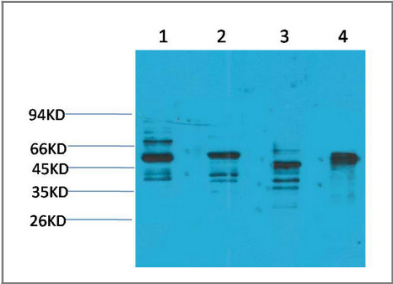
**Immunogen** Synthetic Peptide of KCNN4 (SK4) AA range: 177-227**Specificity** KCNN4(SK4) protein(A247) detects endogenous levels of KCNN4(SK4)

### Target Information

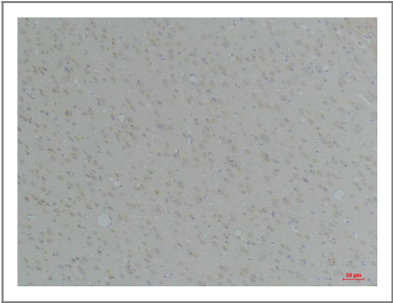
**Gene name** KCNN4

<b>Protein Name</b>	Intermediate conductance calcium-activated potassium channel protein 4 (SK4) (SKCa 4) (SKCa4) (IKCa1) (IK1) (KCa3.1) (KCa4) (Putative Gardos channel)		
	<b>Organism</b>	<b>Gene ID</b>	<b>UniProt ID</b>
	Human	<a href="#">3783;</a>	<a href="#">O15554;</a>
	Mouse		<a href="#">O89109;</a>
	Rat		<a href="#">Q9QYW1;</a>
<b>Cellular Localization</b>	Cell membrane ; Multi-pass membrane protein .		
<b>Tissue specificity</b>	Widely expressed in non-excitabile tissues.		
<b>Function</b>	Function:Forms a voltage-independent potassium channel that is activated by intracellular calcium. Activation is followed by membrane hyperpolarization which promotes calcium influx. The channel is blocked by clotrimazole and charybdotoxin but is insensitive to apamin.,induction:Up-regulated by phorbol myristate acetate (PMA) and phytohemagglutinin (PHA) in T-cells.,similarity:Belongs to the potassium channel KCNN family.,subunit:Heterotetramer of potassium channel proteins (Probable). Interacts with MTMR6.,tissue specificity:Widely expressed in non-excitabile tissues.,		

Validation Data



Western blot analysis of 1) Rat Brain Tissue, 2)Mouse Brain Tissue, 3) K562, 4) HepG2 with KCNN4(SK4) Rabbit pAb diluted at 1:2,000.



Immunohistochemical analysis of paraffin-embedded Rat BrainTissue using KCNN4(SK4) Rabbit pAb diluted at 1:200.

Contact information

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Please scan the QR code  
to access additional  
product information:  
**KCNN4 (SK4) Rabbit  
pAb**

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