

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

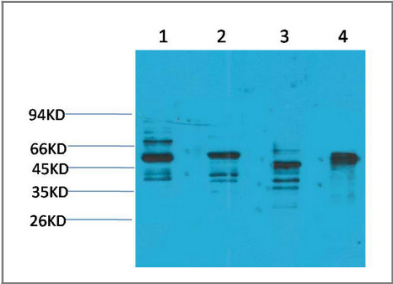
Immunogen Synthetic Peptide of KCNN4 (SK4) AA range: 177-227**Specificity** KCNN4(SK4) protein(A247) detects endogenous levels of KCNN4(SK4)

Target Information

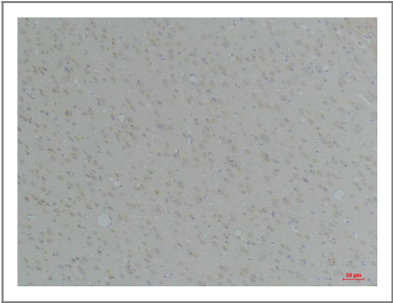
Gene name KCNN4

Protein Name	Intermediate conductance calcium-activated potassium channel protein 4 (SK4) (SKCa 4) (SKCa4) (IKCa1) (IK1) (KCa3.1) (KCa4) (Putative Gardos channel)		
	Organism	Gene ID	UniProt ID
	Human	3783;	O15554;
	Mouse		O89109;
	Rat		Q9QYW1;
Cellular Localization	Cell membrane ; Multi-pass membrane protein .		
Tissue specificity	Widely expressed in non-excitabile tissues.		
Function	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
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product information:
**KCNN4 (SK4) Rabbit
pAb**

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