

KCNK10 (TREK-2) Rabbit pAb

CatalogNo: YN5543

Key Features

Host Species

- Rabbit

Reactivity

- Human,Rat

Applications

- WB,IHC,IF

MW

- 59kD (Observed)

Isotype

- IgG

Recommended Dilution Ratios

WB 1:1000-2000

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 KCNK10 (TREK-2) AA range: 16-66

Specificity

KCNK10(TREK-2) protein(A237) detects endogenous levels of KCNK10(TREK-2)

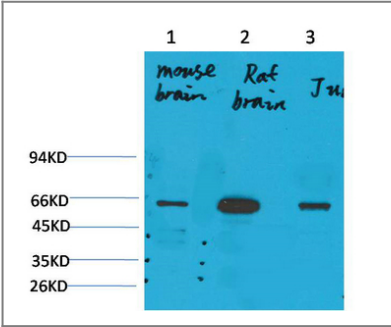
Target Information

Gene name

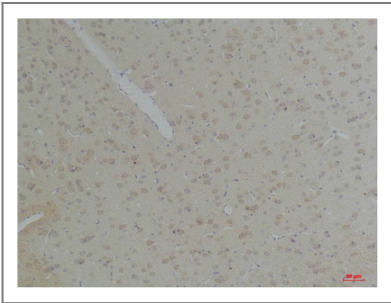
KCNK10

Protein Name	Potassium channel subfamily K member 10 (Outward rectifying potassium channel protein TREK-2) (TREK-2 K(+) channel subunit)		
	Organism	Gene ID	UniProt ID
	Human	54207 ;	P57789 ;
	Rat		Q9JIS4 ;
Cellular Localization	Membrane ; Multi-pass membrane protein .		
Tissue specificity	Abundantly expressed in pancreas and kidney and to a lower level in brain, testis, colon, and small intestine. Isoform b is strongly expressed in kidney (primarily in the proximal tubule) and pancreas, whereas isoform c is abundantly expressed in brain.		
Function	Function:Outward rectifying potassium channel. Produces rapidly activating and non-inactivating outward rectifier K(+) currents. Activated by arachidonic acid and other naturally occurring unsaturated free fatty acids.,similarity:Belongs to the two pore domain potassium channel (TC 1.A.1.8) family.,tissue specificity:Abundantly expressed in pancreas and kidney and to a lower level in brain, testis, colon, and small intestine. Isoform b is strongly expressed in kidney (primarily in the proximal tubule) and pancreas, whereas isoform c is abundantly expressed in brain.,		

Validation Data



Western blot analysis of 1) Mouse BrainTissue, 2)Rat Brain Tissue, 3) Jurkat with KCNK10(TREK-2) Rabbit pAb diluted at 1:2,000.



Immunohistochemical analysis of paraffin-embedded Rat BrainTissue using KCNK10 (TREK-2) Rabbit pAb diluted at 1:200.

Contact information

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KCNK10 (TREK-2)
Rabbit pAb

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