

## 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)

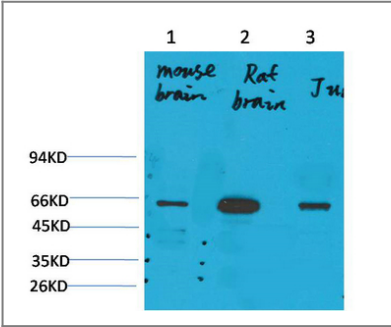
### Target Information

#### Gene name

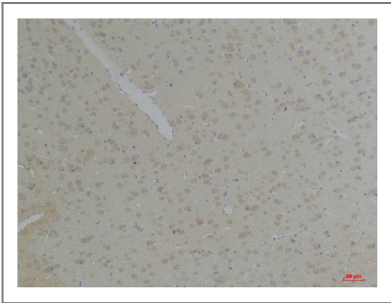
KCNK10

<b>Protein Name</b>	Potassium channel subfamily K member 10 (Outward rectifying potassium channel protein TREK-2) (TREK-2 K(+) channel subunit)		
	<b>Organism</b>	<b>Gene ID</b>	<b>UniProt ID</b>
	Human	<a href="#">54207</a> ;	<a href="#">P57789</a> ;
	Rat		<a href="#">Q9JIS4</a> ;
<b>Cellular Localization</b>	Membrane ; Multi-pass membrane protein .		
<b>Tissue specificity</b>	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.		
<b>Function</b>	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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