

## Kir4.1 Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP10701
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	20ul, 50ul, 100ul
<b>Immunogen</b>	Synthetic Peptide of Kir4.1
<b>Mol wt</b>	N/A
<b>Species reactivity</b>	Human, Rat, Mouse
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	IHC-p, IF
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	ATP-sensitive inward rectifier potassium channel 10
<b>Synonyms</b>	ATP-sensitive inward rectifier potassium channel 10 ;ATP-dependent inwardly rectifying potassium channel Kir4.1;Inward rectifier K; <sup>+</sup> channel Kir1.2;Potassium channel, inwardly rectifying subfamil; ATP-sensitive inward rectifier potassium channel 10; ATP-dependent inwardly rectifying potassium channel Kir4.1; Inward rectifier K; <sup>+</sup> channel Kir1.2; Potassium channel, inwardly rectifying subfamily J member 10

**This product is for research use only, not for use in human, therapeutic or diagnostic procedure.**

### Background

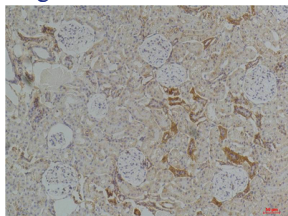
This gene encodes a member of the inward rectifier-type potassium channel family, characterized by having a greater tendency to allow potassium to flow into, rather than out of, a cell. The encoded protein may form a heterodimer with another potassium channel protein and may be responsible for the potassium buffering action of glial cells in the brain. Mutations in this gene have been associated with seizure susceptibility of common idiopathic generalized epilepsy syndromes.

### Recommended Dilution

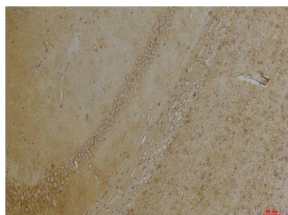
IHC: 1: 100 - 1: 200

Not yet tested in other applications.

### Images



Immunohistochemical analysis of paraffin-embedded Rat Kidney Tissue using Kir4.1 Rabbit pAb diluted at 1:200.



Immunohistochemical analysis of paraffin-embedded Mouse Brain Tissue using Kir4.1 Rabbit pAb diluted at 1:200.

## Storage

-20°C for 1 year

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