

# Kv2.1 antibody

**Cat. No. GTX16640**

|                     |                       |
|---------------------|-----------------------|
| <b>Host</b>         | Rabbit                |
| <b>Clonality</b>    | Polyclonal            |
| <b>Isotype</b>      | IgG                   |
| <b>Applications</b> | WB, ICC/IF, IHC-P, IP |
| <b>Reactivity</b>   | Human, Mouse, Rat     |

**Package**

50 µl

## Applications

### Application Note

\*Optimal dilutions/concentrations should be determined by the researcher.

| Suggested dilution | Recommended dilution |
|--------------------|----------------------|
| WB                 | Assay dependent      |
| ICC/IF             | Assay dependent      |
| IHC-P              | Assay dependent      |
| IP                 | Assay dependent      |

Not tested in other applications.

**Calculated MW** 96 kDa. ( [Note](#) )

## Properties

|                      |                                                                                                                                                                                                                            |
|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Form</b>          | Liquid                                                                                                                                                                                                                     |
| <b>Buffer</b>        | PBS, 1% BSA                                                                                                                                                                                                                |
| <b>Preservative</b>  | 0.05% Sodium azide                                                                                                                                                                                                         |
| <b>Storage</b>       | Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles. |
| <b>Concentration</b> | 1 mg/ml (Please refer to the vial label for the specific concentration.)                                                                                                                                                   |
| <b>Immunogen</b>     | Peptide (CY)HMLPGGGAHGSTRDQSI, corresponding to amino acid residues 841-857 (Intracellular, C-terminus) of rat KV2.1 (Accession : P15387).                                                                                 |
| <b>Purification</b>  | Protein A purified                                                                                                                                                                                                         |
| <b>Conjugation</b>   | Unconjugated                                                                                                                                                                                                               |



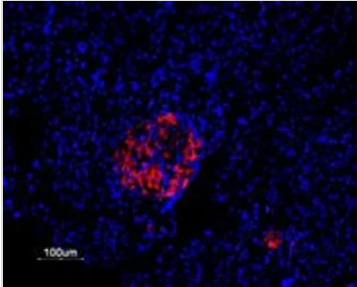
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## Note

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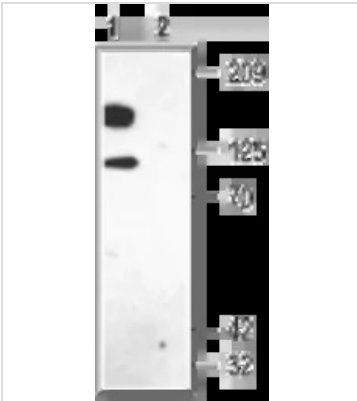
## DATA IMAGES



### GTx16640 IHC-P Image

IHC-P analysis of rat pancreas tissue using GTx16640 Kv2.1 antibody. Endocrine (Islets of Langerhans) and exocrine areas of pancreas section are shown. Strong and highly specific KV2.1 staining is evident only in endocrine cells (red). Hoechst 33342 is used as the counterstain (blue).

Dilution : 1:50



### GTx16640 WB Image

WB analysis of rat brain membrane lysate using GTx16640 Kv2.1 antibody preincubated with or without immunogen peptide.

Dilution : 1:500



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