

## Rabbit antibody to KCNJ2

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|-----------------------|---|
| <b>Code</b>           | OSP00166W   |
| <b>ID Tag</b>         | Rb1706-021210-WS  |
| <b>Unit size</b>      | 100 µl  |
| <b>Immunogen</b>      | A synthetic peptide from 1 <sup>st</sup> cytoplasmic domain of KCNJ2 (IRK1, Kir2.1) conjugated to an immunogenic carrier protein was used as the antigen. The peptide is homologous in mouse and human.   |
| <b>Conjugate</b>      | Unconjugated antibody   |
| <b>Also known</b>     | Inward rectifier potassium channel 2, Potassium channel, inwardly rectifying subfamily J member 2, Inward rectifier K(+) channel Kir2.1, Cardiac inward rectifier potassium channel, IRK1   |
| <b>Host</b>           | NZ white rabbit   |
| <b>Purity</b>         | Whole serum   |
| <b>Clonality</b>      | Polyclonal  |
| <b>Isotype</b>        | Polyclonal, whole serum   |
| <b>Applications</b>   | IHC, WB (confirmed by recombinant protein). A dilution of 1 : 300 to 1 : 2000 is recommended. The optimal dilution should be determined by the end user. Not yet tested in other applications.  |
| <b>Specificity</b>    | Specific for KCNJ2.   |
| <b>Spcs X-react.</b>  | Human, rat, mouse. Other species not yet tested.  |
| <b>Format</b>         | Lyophilised   |
| <b>Reconstitution</b> | Reconstitute in 100 µl of sterile water. Centrifuge to remove any insoluble material.   |
| <b>Storage</b>        | Maintain the lyophilised/reconstituted antibodies frozen at -20°C for long term storage and refrigerated at 2-8°C for a shorter term. When reconstituting, glycerol (1:1) may be added for an additional stability. Avoid freeze and thaw cycles. |
| <b>Expiry Date</b>    | 12 months after reconstitution  |
| <b>Shipping</b>       | This item will be shipped to you at ambient temperature in a lyophilised form.  |
| <b>Limitation</b>     | For research use only   |