

# Product Datasheet

## KCNJ10 Antibody - BSA Free

### NBP2-62724

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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Updated 9/16/2025 v.20.1

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**NBP2-62724**

KCNJ10 Antibody - BSA Free

**Product Information**

|                      |                                                                                                                  |
|----------------------|------------------------------------------------------------------------------------------------------------------|
| <b>Unit Size</b>     | 100 ul                                                                                                           |
| <b>Concentration</b> | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services. |
| <b>Storage</b>       | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.                           |
| <b>Clonality</b>     | Polyclonal                                                                                                       |
| <b>Preservative</b>  | 0.02% Sodium Azide                                                                                               |
| <b>Isotype</b>       | IgG                                                                                                              |
| <b>Purity</b>        | Protein A purified                                                                                               |
| <b>Buffer</b>        | PBS (pH 7.2) and 40% Glycerol                                                                                    |

**Product Description**

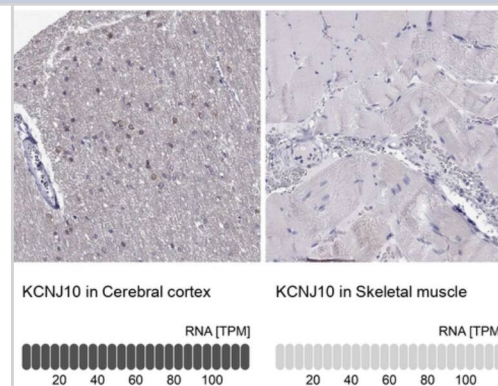
|                    |                                                                                                                                                                                         |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b> | Novus Biologicals Rabbit KCNJ10 Antibody - BSA Free (NBP2-62724) is a polyclonal antibody validated for use in IHC. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| <b>Host</b>        | Rabbit                                                                                                                                                                                  |
| <b>Gene ID</b>     | 3766                                                                                                                                                                                    |
| <b>Gene Symbol</b> | KCNJ10                                                                                                                                                                                  |
| <b>Species</b>     | Human                                                                                                                                                                                   |
| <b>Immunogen</b>   | This antibody was developed against a recombinant protein corresponding to amino acids:<br>EFTPAISLSASGKYIADFSLFDQVVKVASPSGLRDSTVRYGDPEKCLKLEESLRE<br>QAEKEGSALSVRISNV                  |

**Product Application Details**

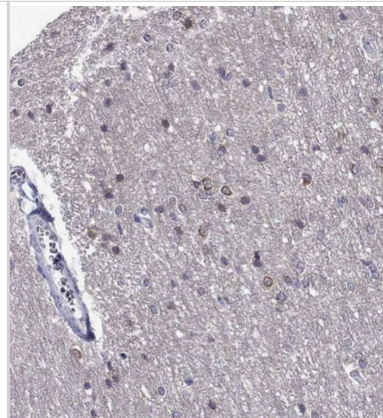
|                              |                                                                                     |
|------------------------------|-------------------------------------------------------------------------------------|
| <b>Applications</b>          | Immunohistochemistry-Paraffin, Immunohistochemistry                                 |
| <b>Recommended Dilutions</b> | Immunohistochemistry 1:1000 - 1:2500, Immunohistochemistry-Paraffin 1:1000 - 1:2500 |
| <b>Application Notes</b>     | For IHC-Paraffin, HIER pH 6 retrieval is recommended.                               |

**Images**

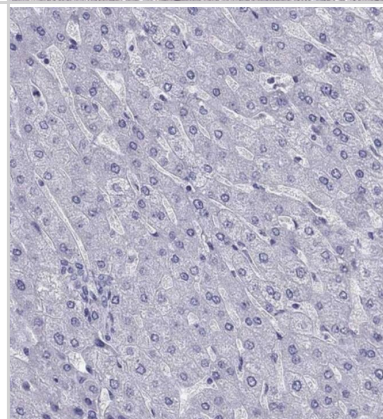
Analysis in human cerebral cortex and skeletal muscle tissues using NBP2-62724 antibody. Corresponding KCNJ10 RNA-seq data are presented for the same tissues.



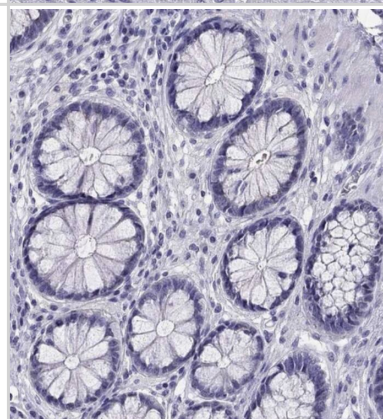
Staining of human cerebral cortex shows moderate cytoplasmic positivity in glial cells.



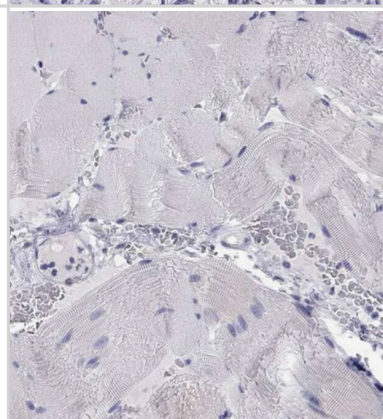
Staining of human liver shows no positivity in hepatocytes as expected.



Staining of human colon shows no positivity in glandular cells as expected.



Staining of human skeletal muscle shows no positivity in myocytes as expected.





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### **Products Related to NBP2-62724**

|               |                                                     |
|---------------|-----------------------------------------------------|
| NBP2-62724PEP | KCNJ10 Recombinant Protein Antigen                  |
| HAF008        | Goat anti-Rabbit IgG Secondary Antibody [HRP]       |
| NB7160        | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP] |
| NBP2-24891    | Rabbit IgG Isotype Control                          |

### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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