

# Product Datasheet

## Kv7.1 Antibody - BSA Free

### NBP3-24948

Unit Size: 100 ul

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

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**NBP3-24948**

Kv7.1 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>        | Affinity purified                                                                                                |
| <b>Buffer</b>        | PBS, pH 7.2, 40% glycerol                                                                                        |

**Product Description**

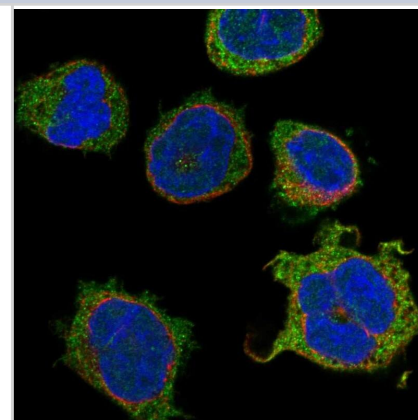
|                    |                                                                                                                                                                                                         |
|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b> | Novus Biologicals Rabbit Kv7.1 Antibody - BSA Free (NBP3-24948) is a polyclonal antibody validated for use in ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.               |
| <b>Host</b>        | Rabbit                                                                                                                                                                                                  |
| <b>Gene ID</b>     | 3784                                                                                                                                                                                                    |
| <b>Gene Symbol</b> | KCNQ1                                                                                                                                                                                                   |
| <b>Species</b>     | Human                                                                                                                                                                                                   |
| <b>Immunogen</b>   | This antibody has been engineered to specifically recognize the recombinant protein Kv7.1 using the following amino acid sequence:<br>YSQGHNLNLMVRIKELQRRLDQSIGKPSLFISVSEKSKDRGSNTIGARLNRVEDK<br>VTQLDQ |

**Product Application Details**

|                              |                                                                       |
|------------------------------|-----------------------------------------------------------------------|
| <b>Applications</b>          | Immunocytochemistry/ Immunofluorescence                               |
| <b>Recommended Dilutions</b> | Immunocytochemistry/ Immunofluorescence 0.25-2 µg/ml                  |
| <b>Application Notes</b>     | For ICC/IF, we recommend using a combination of PFA and Triton X-100. |

**Images**

Staining of human cell line THP-1 shows localization to plasma membrane & endoplasmic reticulum.





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### **Products Related to NBP3-24948**

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|               |                                                     |
|---------------|-----------------------------------------------------|
| HAF008        | Goat anti-Rabbit IgG Secondary Antibody [HRP]       |
| NB7160        | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP] |
| NBP2-24891    | Rabbit IgG Isotype Control                          |
| NBP2-31876PEP | Kv7.1 Recombinant Protein Antigen                   |

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### **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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