

# Product Datasheet

## KCNK3 Antibody (S374-48) [Janelia Fluor® 525] NBP2-42202JF525

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP2-42202JF525**

KCNK3 Antibody (S374-48) [Janelia Fluor® 525]

| Product Information         |                                                                                                                                                                                                                                                                |
|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Unit Size                   | 0.1 ml                                                                                                                                                                                                                                                         |
| Concentration               | Please see the vial label for concentration. If unlisted please contact technical services.                                                                                                                                                                    |
| Storage                     | Store at 4C in the dark.                                                                                                                                                                                                                                       |
| Clonality                   | Monoclonal                                                                                                                                                                                                                                                     |
| Clone                       | S374-48                                                                                                                                                                                                                                                        |
| Preservative                | 0.05% Sodium Azide                                                                                                                                                                                                                                             |
| Isotype                     | IgG2b                                                                                                                                                                                                                                                          |
| Conjugate                   | Janelia Fluor 525                                                                                                                                                                                                                                              |
| Purity                      | Protein G purified                                                                                                                                                                                                                                             |
| Buffer                      | 50mM Sodium Borate                                                                                                                                                                                                                                             |
| Product Description         |                                                                                                                                                                                                                                                                |
| Host                        | Mouse                                                                                                                                                                                                                                                          |
| Gene ID                     | 3777                                                                                                                                                                                                                                                           |
| Gene Symbol                 | KCNK3                                                                                                                                                                                                                                                          |
| Species                     | Human, Mouse, Rat                                                                                                                                                                                                                                              |
| Specificity/Sensitivity     | Less than 30% identity with TASK3. Detects approx 50kDa. Does not cross-react with TASK3.                                                                                                                                                                      |
| Immunogen                   | Fusion protein amino acids 251-411 (cytoplasmic C-terminus) of rat Acid-sensitive potassium channel protein TASK or TASK1. Mouse: 96% identity (156/161 amino acids identical). Human: 76% identity (163/161 amino acids identical). <30% identity with TASK3. |
| Notes                       | Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.                                                                                                                                                                          |
| Product Application Details |                                                                                                                                                                                                                                                                |
| Applications                | Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry                                                                                                                                                                                    |
| Recommended Dilutions       | Western Blot, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence                                                                                                                                                                                    |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.                                                                                                                                                                                         |



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**Products Related to NBP2-42202JF525**

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|                    |                                                |
|--------------------|------------------------------------------------|
| H00114571-P01-10ug | Recombinant Human SLC22A9 GST (N-Term) Protein |
| NBP1-51684         | SLC22A1 Antibody (2C5)                         |
| NBP1-83239         | OAT Antibody - BSA Free                        |
| MAB6547            | SLC22A2/OCT2 Antibody (640438) [Unconjugated]  |

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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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