

# Product Datasheet

## FOXO3 Antibody [Janelia Fluor® 646] NB100-614JF646

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NB100-614JF646**

FOXO3 Antibody [Janelia Fluor® 646]

| 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                   | Polyclonal                                                                                                                                                                                                    |
| Preservative                | 0.05% Sodium Azide                                                                                                                                                                                            |
| Isotype                     | IgG                                                                                                                                                                                                           |
| Conjugate                   | Janelia Fluor 646                                                                                                                                                                                             |
| Purity                      | Immunogen affinity purified                                                                                                                                                                                   |
| Buffer                      | 50mM Sodium Borate                                                                                                                                                                                            |
| Product Description         |                                                                                                                                                                                                               |
| Host                        | Rabbit                                                                                                                                                                                                        |
| Gene ID                     | 2309                                                                                                                                                                                                          |
| Gene Symbol                 | FOXO3                                                                                                                                                                                                         |
| Species                     | Human, Mouse, Porcine                                                                                                                                                                                         |
| Reactivity Notes            | Porcine reactivity reported in scientific literature (PMID:33147486)                                                                                                                                          |
| Specificity/Sensitivity     | NB100-614 is specific for human FOXO3a protein.                                                                                                                                                               |
| Immunogen                   | The immunogen recognized by this antibody maps to a region between residue 625 and the C-terminus (residue 673) of human Forkhead Box O3a using the numbering given in Swiss-Prot entry O43524 (GeneID 2309). |
| Notes                       | Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.                                                                                                                         |
| Product Application Details |                                                                                                                                                                                                               |
| Applications                | Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin                                                                                                                   |
| Recommended Dilutions       | Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin                                                                                                                   |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.                                                                                                                                        |



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### **Products Related to NB100-614JF646**

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|                    |                                                |
|--------------------|------------------------------------------------|
| NBP2-24891JF646    | Rabbit IgG Isotype Control [Janelia Fluor 646] |
| H00002309-Q01-10ug | Recombinant Human FOXO3 GST (N-Term) Protein   |
| 291-G1-200         | IGF-I/IGF-1 [Unconjugated]                     |
| NBL1-10814         | FOXO3 Overexpression Lysate                    |

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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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