

# Product Datasheet

## 12-Lipoxygenase Antibody [Janelia Fluor® 646] NBP3-35458JF646

Unit Size: 0.1 ml

Store at 4C in the dark.

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Updated 3/24/2025 v.20.1

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**NBP3-35458JF646**

12-Lipoxygenase 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                      | Affinity purified                                                                                                                                                                                                                                                                                                                                   |
| Buffer                      | 50mM Sodium Borate                                                                                                                                                                                                                                                                                                                                  |
| Product Description         |                                                                                                                                                                                                                                                                                                                                                     |
| Host                        | Rabbit                                                                                                                                                                                                                                                                                                                                              |
| Gene ID                     | 239                                                                                                                                                                                                                                                                                                                                                 |
| Gene Symbol                 | ALOX12                                                                                                                                                                                                                                                                                                                                              |
| Species                     | Human, Mouse, Rat                                                                                                                                                                                                                                                                                                                                   |
| Immunogen                   | Recombinant fusion protein containing a sequence corresponding to amino acids 483-663 of human 12-Lipoxygenase (NP_000688.2).<br><br>Sequence:<br>YQRDDIVKGDPELQAWCREITEVGLCQAQDRGFPVSFQSQSQLCHFLTMCVF<br>TCTAQHAAINQGQLDWYAWVPNAPCTMRMPPPTTKEDVTMATVMGSLPDVR<br>QACLQMAISWHLSTRRQPDMVPLGHHKEKYFSGPKPKAVLNQFRTDLEKLEKEI<br>TARNEQLDWPYEYLPSCIENSVTI |
| Notes                       | Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.                                                                                                                                                                                                                                                               |
| Product Application Details |                                                                                                                                                                                                                                                                                                                                                     |
| Applications                | Western Blot, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunofluorescence                                                                                                                                                                                                                                                        |
| Recommended Dilutions       | Western Blot, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunofluorescence                                                                                                                                                                                                                                                        |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.                                                                                                                                                                                                                                                                              |





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### **Products Related to NBP3-35458JF646**

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|                    |                                                        |
|--------------------|--------------------------------------------------------|
| NBP2-24891JF646    | Rabbit IgG Isotype Control [Janelia Fluor 646]         |
| H00000239-P01-10ug | Recombinant Human 12-Lipoxygenase GST (N-Term) Protein |
| 236-EG-200         | EGF [Unconjugated]                                     |
| NBP2-62869         | Human 12-Lipoxygenase ELISA Kit (Chemiluminescence)    |

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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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