

# Product Datasheet

## **AKAP4 Antibody [Janelia Fluor® 585] NBP2-81946JF585**

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP2-81946JF585**

AKAP4 Antibody [Janelia Fluor® 585]

| 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 585                                                                                                                                                                                          |
| Purity                      | Peptide affinity purified                                                                                                                                                                                  |
| Buffer                      | 50mM Sodium Borate                                                                                                                                                                                         |
| Product Description         |                                                                                                                                                                                                            |
| Host                        | Rabbit                                                                                                                                                                                                     |
| Gene ID                     | 8852                                                                                                                                                                                                       |
| Gene Symbol                 | AKAP4                                                                                                                                                                                                      |
| Species                     | Human                                                                                                                                                                                                      |
| Reactivity Notes            | Immunogen displays the following percentage of sequence identity for non-tested species: Mouse: (88%)                                                                                                      |
| Specificity/Sensitivity     | AKAP4 antibody is human specific. At least three isoforms are known to exist; this antibody will detect the two longest isoforms.                                                                          |
| Immunogen                   | AKAP4 antibody was raised against a 17 amino acid peptide near the amino terminus of human AKAP4. The immunogen is located within the first 50 amino acids of AKAP4. Amino Acid Sequence: KVDLYNPEGQQDQDRK |
| Notes                       | Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.                                                                                                                      |
| Product Application Details |                                                                                                                                                                                                            |
| Applications                | Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin                                                                                          |
| Recommended Dilutions       | Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin                                                                                          |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.                                                                                                                                     |





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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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