

# Product Datasheet

## XPF Antibody - BSA Free NBP2-58407

Unit Size: 100 ul

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

[www.novusbio.com](http://www.novusbio.com)



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### Publications: 2

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Updated 9/9/2025 v.20.1

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**NBP2-58407**

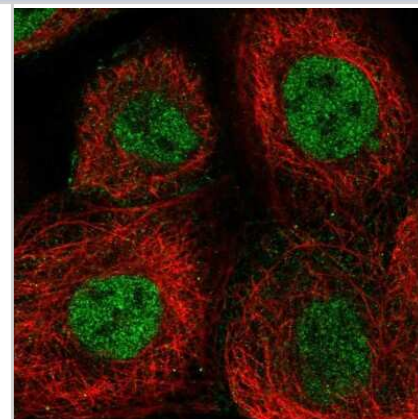
XPF Antibody - BSA Free

| Product Information         |   |
|-----------------------------|---|
| Unit Size                   | 100 ul  |
| Concentration               | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.  |
| Storage                     | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.  |
| Clonality                   | Polyclonal  |
| Preservative                | 0.02% Sodium Azide  |
| Isotype                     | IgG   |
| Purity                      | Affinity purified   |
| Buffer                      | PBS (pH 7.2) and 40% Glycerol   |
| Product Description         |   |
| Description                 | Novus Biologicals Rabbit XPF Antibody - BSA Free (NBP2-58407) is a polyclonal antibody validated for use in WB and ICC/IF. Anti-XPF Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| Host                        | Rabbit  |
| Gene ID                     | 2072  |
| Gene Symbol                 | ERCC4   |
| Species                     | Human   |
| Immunogen                   | This antibody was developed against a recombinant protein corresponding to the following amino acid sequence:<br>SKPQPDAATALAITADSETLPESEKYNPGPQDFLLKMPGVNAKNCRSLMHHVK<br>NIAELAALSQDELTSILGNAANAKQLYDFIHTSFAEVVSKGKGK                    |
| Product Application Details |   |
| Applications                | Western Blot, Immunocytochemistry/ Immunofluorescence   |
| Recommended Dilutions       | Western Blot 0.04-0.4 ug/ml, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml   |
| Application Notes           | ICC/IF, Fixation Permeabilization: Use PFA/Triton X-100.  |

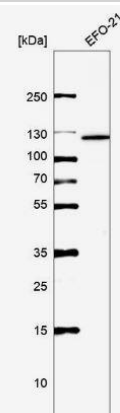


## Images

Immunocytochemistry/Immunofluorescence: XPF Antibody [NBP2-58407] - Staining of human cell line A-431 shows localization to nucleoplasm & cell junctions.



Western Blot: XPF Antibody [NBP2-58407] -Analysis in human cell line EFO-21.



## Publications

Kim S, Park SH, Kang N et al. Polyubiquitinated PCNA triggers SLX4-mediated break-induced replication in alternative lengthening of telomeres (ALT) cancer cells. Nucleic acids research 2024-09-18 [PMID: 39291733]

Kim S, Kang N, Ra J et al. Polyubiquitinated PCNA promotes alternative lengthening of telomeres by inducing break-induced replication bioRxiv 2023-07-14



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### **Products Related to NBP2-58407**

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|               |   |
|---------------|---|
| NBP2-58407PEP | XPF Recombinant Protein Antigen                     |
| HAF008        | Goat anti-Rabbit IgG Secondary Antibody [HRP]       |
| NB7160        | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP] |
| NBP2-24891    | Rabbit IgG Isotype Control                          |

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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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