

# Product Datasheet

## Ku70/XRCC6 Antibody - BSA Free NBP2-38954

Unit Size: 0.1 ml

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: 1

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Updated 12/2/2025 v.20.1

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**NBP2-38954**

Ku70/XRCC6 Antibody - BSA Free

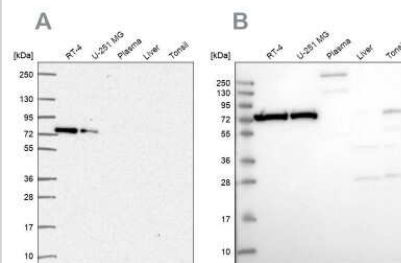
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description	
Description	Novus Biologicals Rabbit Ku70/XRCC6 Antibody - BSA Free (NBP2-38954) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-Ku70/XRCC6 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	2547
Gene Symbol	XRCC6
Species	Human
Immunogen	This antibody was developed against a recombinant protein corresponding to amino acids: DVQFKMSHKRIMLFTNEDNPHGNDSAKASRARTKAGDLRDTGIFLDMHLKPK GGFDISLFYRDIISIAEDEDLRVHFEESKLEDLLRKVRAKETR

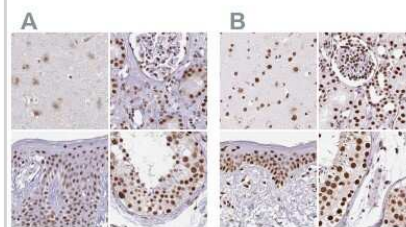
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:20 - 1:50, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:20 - 1:50
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

**Images**

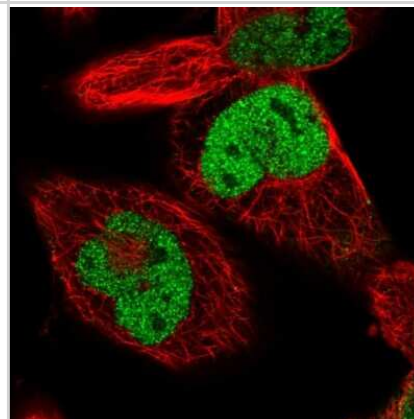
Western Blot: Ku70/XRCC6 Antibody [NBP2-38954] - Analysis using Anti-XRCC6 antibody NBP2-38954 (A) shows similar pattern to independent antibody NBP2-38567 (B).



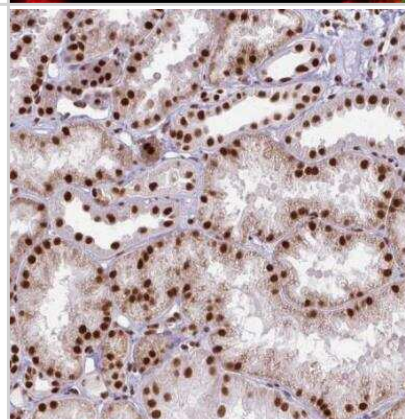
Immunohistochemistry-Paraffin: Ku70/XRCC6 Antibody [NBP2-38954] - Staining of human cerebral cortex, kidney, skin and testis using Anti-XRCC6 antibody NBP2-38954 (A) shows similar protein distribution across tissues to independent antibody NBP2-38567 (B).



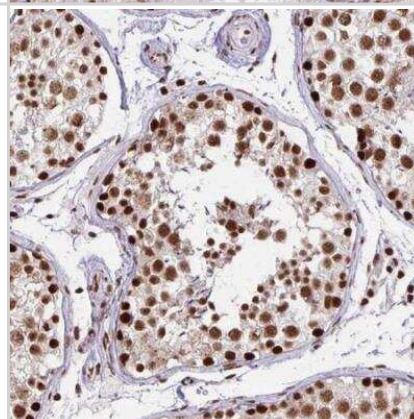
Immunocytochemistry/Immunofluorescence: Ku70/XRCC6 Antibody [NBP2-38954] - Immunofluorescent staining of human cell line RH-30 shows localization to nucleoplasm. Antibody staining is shown in green.



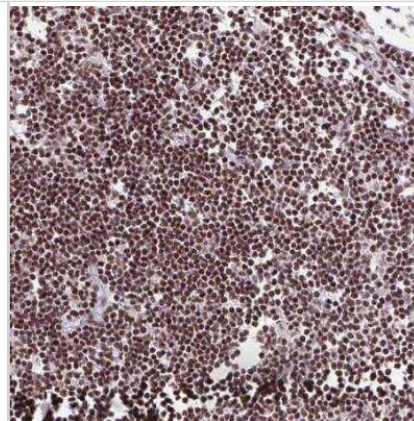
Immunohistochemistry-Paraffin: Ku70/XRCC6 Antibody [NBP2-38954] - Staining of human kidney shows strong nuclear positivity in cells in tubules.



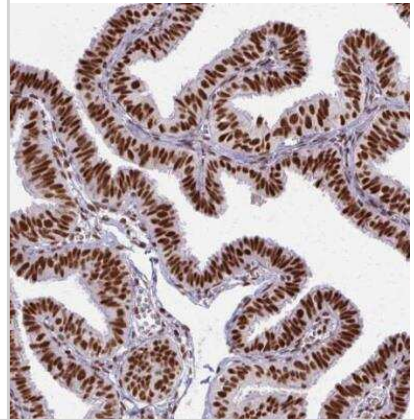
Immunohistochemistry-Paraffin: Ku70/XRCC6 Antibody [NBP2-38954] - Staining of human testis shows strong nuclear positivity in cells in seminiferous ducts.



Immunohistochemistry-Paraffin: Ku70/XRCC6 Antibody [NBP2-38954] - Staining of human lymph node shows strong nuclear positivity in non-germinal center cells.



Immunohistochemistry-Paraffin: Ku70/XRCC6 Antibody [NBP2-38954] - Staining of human fallopian tube shows strong nuclear positivity in glandular cells.



## Publications

Og?uszka M, Chen CY, Po?awska E et Al. Elevated tissue status of omega-3 fatty acids protects against age-related telomere attrition in fat-1 transgenic mice Clin Nutr 2024-05-06 [PMID: 38718720]



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### **Products Related to NBP2-38954**

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NBP2-38954PEP	Ku70/XRCC6 Recombinant Protein Antigen
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
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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