

Product Datasheet

Ku80/XRCC5 Antibody (7N7G3)

NBP3-15448-100ul

Unit Size: 100 ul

Store at -20C. Avoid freeze-thaw cycles.

www.novusbio.com



technical@novusbio.com

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP3-15448

Updated 9/9/2025 v.20.1

Earn rewards for product
reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/NBP3-15448



NBP3-15448-100ul

Ku80/XRCC5 Antibody (7N7G3)

Product Information	
Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	7N7G3
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.3), 50% glycerol, 0.05% BSA
Target Molecular Weight	83 kDa

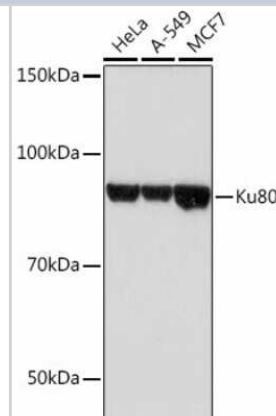
Product Description	
Description	Novus Biologicals Rabbit Ku80/XRCC5 Antibody (7N7G3) (NBP3-15448) is a recombinant monoclonal antibody validated for use in IHC, WB, ELISA, ICC/IF and IP. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	7520
Gene Symbol	XRCC5
Species	Human, Mouse
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 633-732 of human Ku80/XRCC5 (P13010). MKSIDCIRAFREEAIKFSEEQRFNFLKALQEKVEIKQLNHFWEIVVQDGITLITK EEASGSSVTAEAAKKFLAPKDKPSGDAAVFEEGGDVDDLLDMI

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunoprecipitation
Recommended Dilutions	Western Blot 1:1000 - 1:6000, ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements., Immunohistochemistry 1:200 - 1:2000, Immunocytochemistry/Immunofluorescence 1:100 - 1:1000, Immunoprecipitation 0.5µg-4µg antibody for 200µg-400µg extracts of whole cells, Immunohistochemistry-Paraffin 1:200 - 1:2000

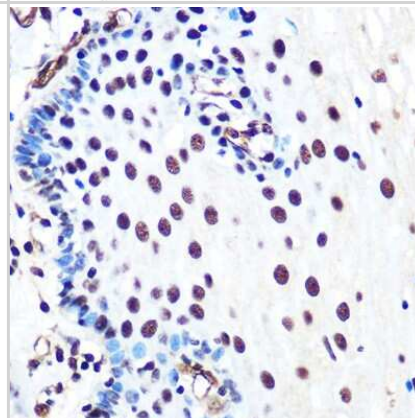


Images

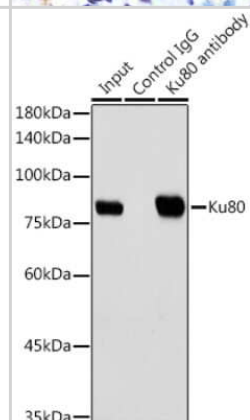
Western Blot: Ku80/XRCC5 Antibody (7N7G3) [NBP3-15448] - Western blot analysis of extracts of various cell lines, using Ku80/XRCC5 Rabbit mAb (NBP3-15448) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 5s.



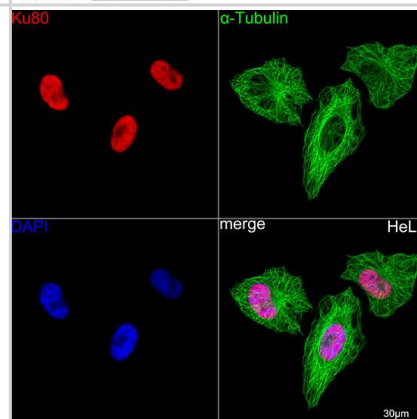
Immunohistochemistry-Paraffin: Ku80/XRCC5 Antibody (7N7G3) [NBP3-15448] - Immunohistochemistry of paraffin-embedded human esophageal using Ku80/XRCC5 Rabbit mAb (NBP3-15448) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunoprecipitation: Ku80/XRCC5 Antibody (7N7G3) [NBP3-15448] - Immunoprecipitation analysis of 300ug extracts of HeLa cells using 3ug Ku80/XRCC5 antibody (NBP3-15448). Western blot was performed from the immunoprecipitate using Ku80/XRCC5 antibody (NBP3-15448) at a dilution of 1:1000.



Immunocytochemistry/ Immunofluorescence: Ku80/XRCC5 Antibody (7N7G3) [Ku80/XRCC5] - Confocal imaging of HeLa cells using Ku80/XRCC5 Rabbit mAb. The cells were counterstained with alpha-Tubulin Mouse mAb (Green). DAPI was used for nuclear staining (blue). Objective: 60x.





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP3-15448-100ul

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

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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NBP3-15448

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

