

Product Datasheet

Ku80/XRCC5 Antibody (7N7G3)

NBP3-15448-100ul

Unit Size: 100 ul

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

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NBP3-15448-100ul

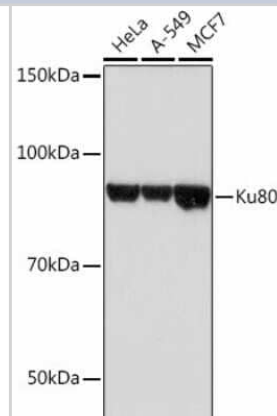
Ku80/XRCC5 Antibody (7N7G3)

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	
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 EEASGSSVTAAEEAKKFLAPKDKPSGDAAVFEEGGDVDDLLDMI
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, 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

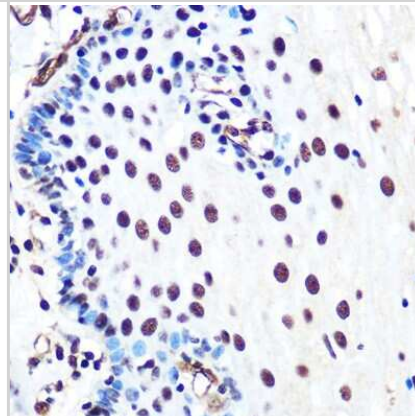


Images

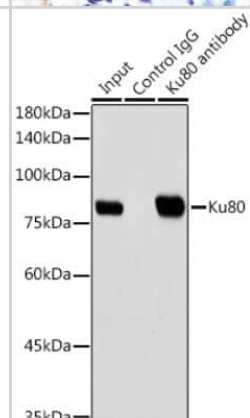
Western Blot: Ku80/XRCC5 Antibody (7N7G3) [NBP3-15448] - Western blot analysis of extracts of various cell lines, using Ku80/XRCC5 Rabbit mAb (NBP3-15448) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat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



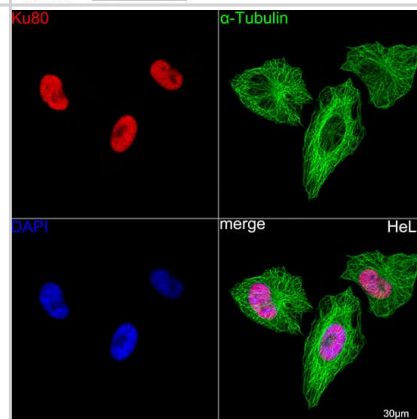
Immunohistochemistry-Paraffin: Ku80/XRCC5 Antibody (7N7G3) [NBP3-15448] - Immunohistochemistry of paraffin-embedded human esophageal using Ku80/XRCC5 Rabbit mAb (NBP3-15448) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining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





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NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-55954PEP	Ku80/XRCC5 Recombinant Protein Antigen

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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