

Product Datasheet

Ku70/XRCC6 Antibody (8L6B6)

NBP3-15358-100ul

Unit Size: 100 ul

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

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NBP3-15358-100ul

Ku70/XRCC6 Antibody (8L6B6)

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	8L6B6
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.3), 50% glycerol, 0.05% BSA
Target Molecular Weight	70 kDa

Product Description

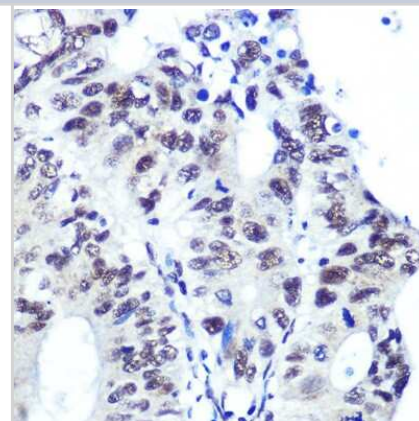
Host	Rabbit
Gene ID	2547
Gene Symbol	XRCC6
Species	Human, Mouse
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 500-609 of human Ku70/XRCC6 (P12956). PEQAVDLTLPKVEAMNKRLGSLVDEFKELVYPPDYNPEGKVTKRKHDNEGSG SKRPKVEYSEELKTHISKGTLGKFTVPMLEACRAYGLKSGLKQELLEALTK HFQD

Product Application Details

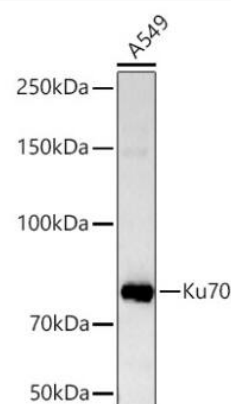
Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:6000 - 1:36000, ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements., Immunohistochemistry 1:200 - 1:800, Immunocytochemistry/Immunofluorescence 1:100 - 1:1000, Immunohistochemistry-Paraffin 1:200 - 1:800

Images

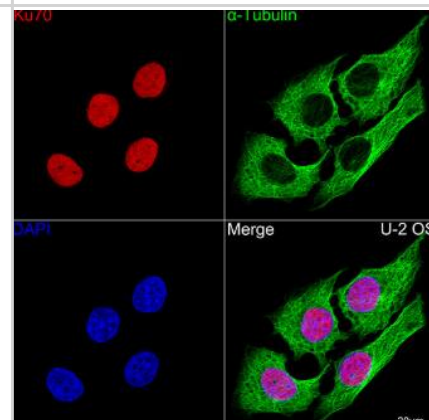
Immunohistochemistry-Paraffin: Ku70/XRCC6 Antibody (8L6B6) [NBP3-15358] - Immunohistochemistry of paraffin-embedded human colon carcinoma using Ku70/XRCC6 Rabbit mAb (NBP3-15358) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



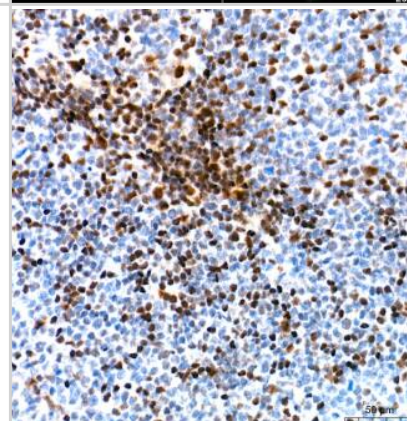
Western Blot: Ku70/XRCC6 Antibody (8L6B6) [NBP3-15358] - Analysis of lysates from A-549 cells using Ku70 Rabbit mAb at 1:6000 dilution incubated overnight at 4°C. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 10s.



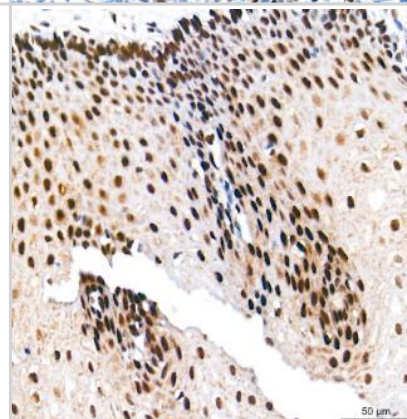
Immunocytochemistry/Immunofluorescence: Ku70/XRCC6 Antibody (8L6B6) [NBP3-15358] -Confocal imaging of U-2 OS cells using Ku70 Rabbit mAb (dilution 1:100)(Red). The cells were counterstained with α-Tubulin Mouse mAb (dilution 1:400) (Green). DAPI was used for nuclear staining (blue). Objective: 100x.



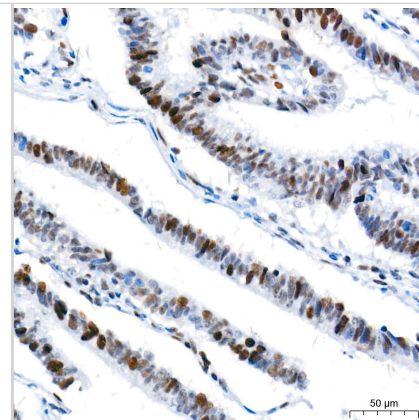
Immunohistochemistry-Paraffin: Ku70/XRCC6 Antibody (8L6B6) [NBP3-15358] -Analysis of paraffin-embedded Human tonsil tissue using Ku70 Rabbit mAb at a dilution of 1:500 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



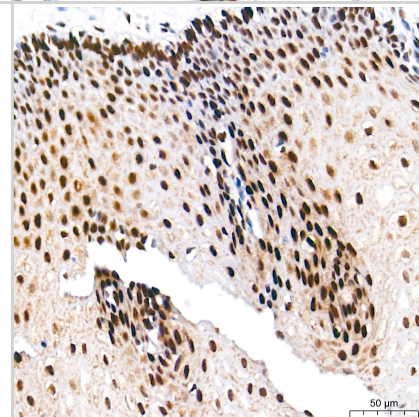
Immunohistochemistry-Paraffin: Ku70/XRCC6 Antibody (8L6B6) [NBP3-15358] -Analysis of paraffin-embedded Human esophagus tissue using Ku70 Rabbit mAb at a dilution of 1:500 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



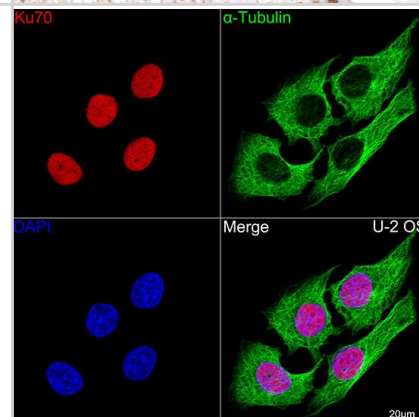
Immunohistochemistry: Ku70/XRCC6 Antibody (8L6B6) [Ku70/XRCC6] - Immunohistochemistry analysis of paraffin-embedded Human colon carcinoma tissue using Ku70/XRCC6 Rabbit mAb at a dilution of 1:500 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



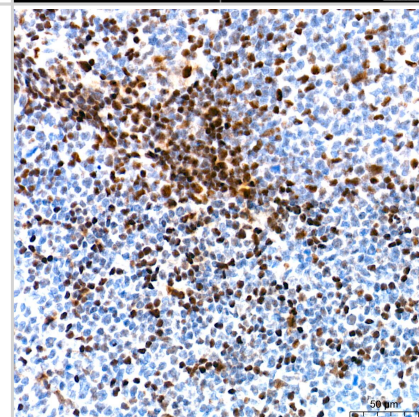
Immunohistochemistry: Ku70/XRCC6 Antibody (8L6B6) [Ku70/XRCC6] - Immunohistochemistry analysis of paraffin-embedded Human esophagus tissue using Ku70/XRCC6 Rabbit mAb at a dilution of 1:500 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Immunocytochemistry/ Immunofluorescence: Ku70/XRCC6 Antibody (8L6B6) [Ku70/XRCC6] - Confocal imaging of U-2 OS cells using Ku70/XRCC6 Rabbit mAb . The cells were counterstained with alpha-Tubulin Mouse mAb (Green). DAPI was used for nuclear staining (blue). Objective: 100x.



Immunohistochemistry: Ku70/XRCC6 Antibody (8L6B6) [Ku70/XRCC6] - Immunohistochemistry analysis of paraffin-embedded Human tonsil tissue using Ku70/XRCC6 Rabbit mAb at a dilution of 1:500 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Western Blot: Ku70/XRCC6 Antibody (8L6B6) [Ku70/XRCC6] - Western blot analysis of lysates from A-549 cells using Ku70/XRCC6 Rabbit mAb at 1:6000 dilution incubated overnight at 4C.

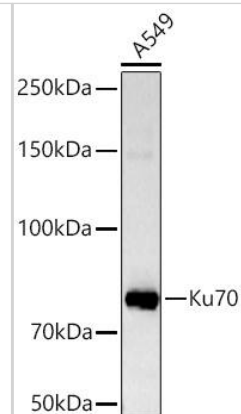
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1:10000 dilution.

Lysates/proteins: 25 ug per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit .

Exposure time: 10s.





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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-38954PEP	Ku70/XRCC6 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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