

Product Datasheet

Ku70/XRCC6 Antibody - BSA Free NBP2-38567

Unit Size: 0.1 ml

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

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NBP2-38567

Ku70/XRCC6 Antibody - BSA Free

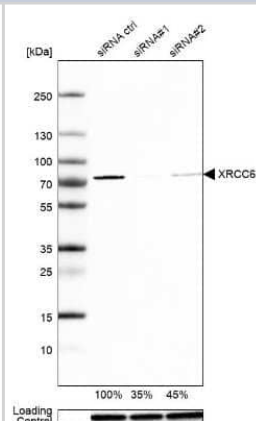
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Host	Rabbit
Gene ID	2547
Gene Symbol	XRCC6
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (85%), Rat (87%)
Immunogen	This antibody was developed against a recombinant protein corresponding to amino acids: PPYFVALVPQEEELDDQKIQVTPPGFQLVFLPFADDKRKMPFTEKIMATPEQVG KMKAIVEKLRFTYRSDSFENPVLQQHFRNLEALALDLMEPEQAVDL

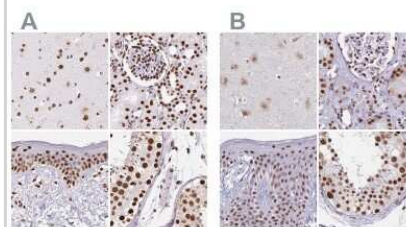
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Knockdown Validated
Recommended Dilutions	Western Blot 0.04 - 0.4 ug/ml, Immunohistochemistry 1:1000 - 1:2500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:1000 - 1:2500, Knockdown Validated
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

Images

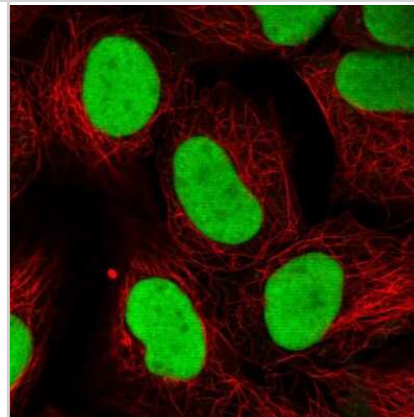
Western Blot: Ku70/XRCC6 Antibody [NBP2-38567] - Analysis in A-431 cells transfected with control siRNA, target specific siRNA probe #1 and #2. Remaining relative intensity is presented. Loading control: Anti-GAPDH.



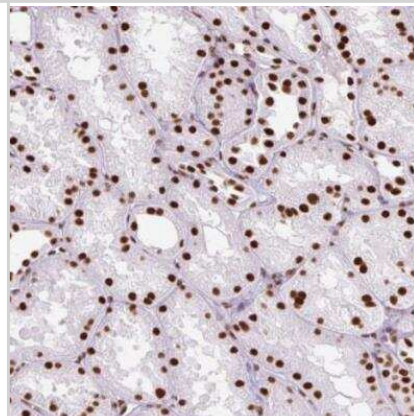
Immunohistochemistry-Paraffin: Ku70/XRCC6 Antibody [NBP2-38567] - Staining of human cerebral cortex, kidney, skin and testis using Anti-XRCC6 antibody NBP2-38567 (A) shows similar protein distribution across tissues to independent antibody NBP2-38954 (B).



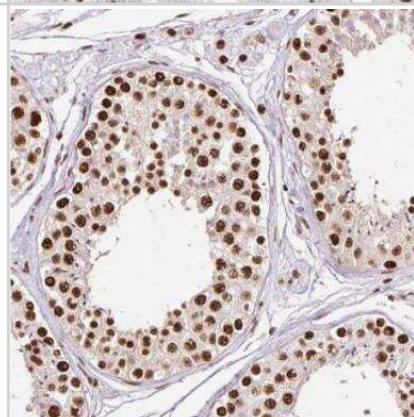
Immunocytochemistry/Immunofluorescence: Ku70/XRCC6 Antibody [NBP2-38567] - Immunofluorescent staining of human cell line HEK 293 shows localization to nucleoplasm.



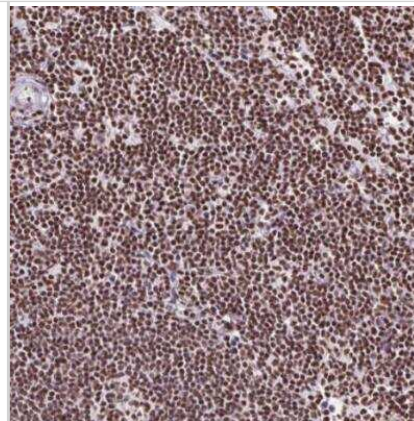
Immunohistochemistry-Paraffin: Ku70/XRCC6 Antibody [NBP2-38567] - Staining of human kidney shows strong nuclear positivity in cells in tubules.



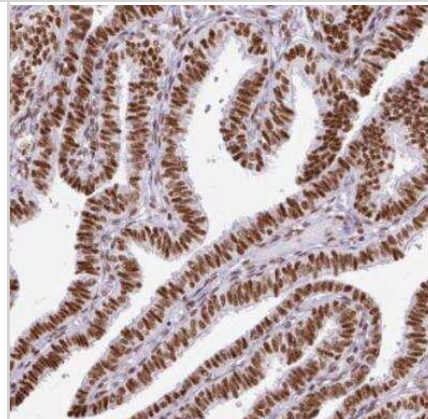
Immunohistochemistry-Paraffin: Ku70/XRCC6 Antibody [NBP2-38567] - Staining of human testis shows strong nuclear positivity in cells in seminiferous ducts.



Immunohistochemistry-Paraffin: Ku70/XRCC6 Antibody [NBP2-38567] - Staining of human lymph node shows strong nuclear positivity in non-germinal center cells.



Immunohistochemistry-Paraffin: Ku70/XRCC6 Antibody [NBP2-38567] - Staining of human fallopian tube shows strong nuclear positivity in glandular cells.





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Products Related to NBP2-38567

NBP2-38567PEP	Ku70/XRCC6 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

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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