

Product Datasheet

FoxK1 Antibody - BSA Free

NBP1-83109

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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NBP1-83109

FoxK1 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

Description	Novus Biologicals Rabbit FoxK1 Antibody - BSA Free (NBP1-83109) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	221937
Gene Symbol	FOXK1
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: GVPGHTVTILQPATPVTLGQHHLPVRAVTQNGKHAVPTNSLAGNAYALTSPLQ LLATQASSAPVVVTRVCEVGPKEPAAVAATATTTTPATATTASASASSTGEPE VKRSRVEEPSGAVTTPAG

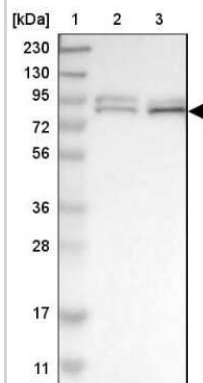
Product Application Details

Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Chromatin Immunoprecipitation-exo-Seq
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:50 - 1:200, Chromatin Immunoprecipitation-exo-Seq 1-10ug per reaction
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. Immunocytochemistry/Immunofluorescence Fixation Permeabilization: Use PFA/Triton X-100.

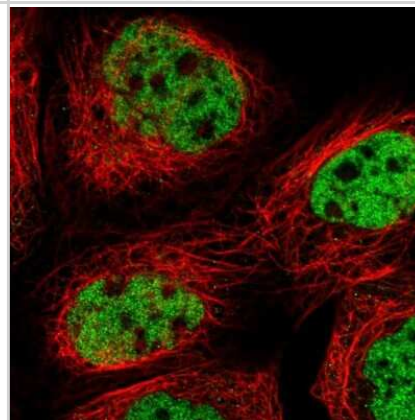


Images

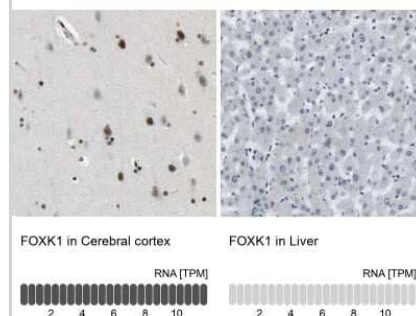
Western Blot: FoxK1 Antibody [NBP1-83109] - Lane 1: Marker [kDa] 230, 130, 95, 72, 56, 36, 28, 17, 11. Lane 2: Human cell line RT-4. Lane 3: Human cell line U-251MG sp



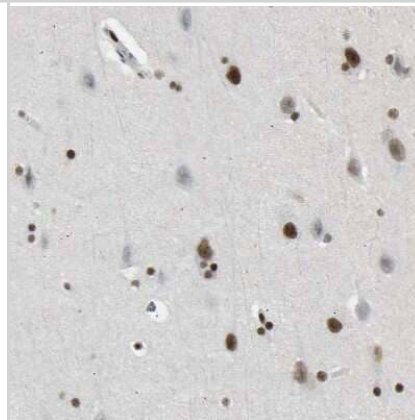
Immunocytochemistry/Immunofluorescence: FoxK1 Antibody [NBP1-83109] - Immunofluorescent staining of human cell line A-431 shows localization to nucleoplasm.



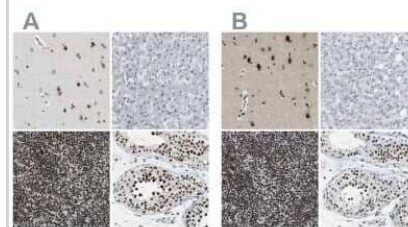
Immunohistochemistry-Paraffin: FoxK1 Antibody [NBP1-83109] - Analysis in human cerebral cortex and liver tissues using NBP1-83109 antibody. Corresponding FOXK1 RNA-seq data are presented for the same tissues.



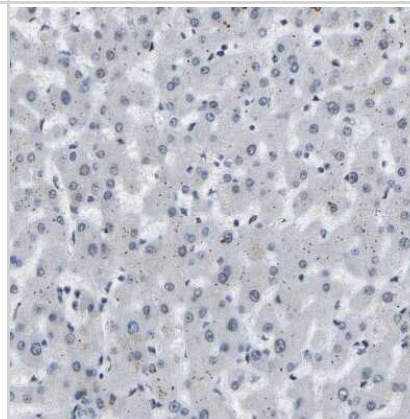
Immunohistochemistry-Paraffin: FoxK1 Antibody [NBP1-83109] - Staining of human cerebral cortex shows moderate to strong nuclear positivity in neurons.



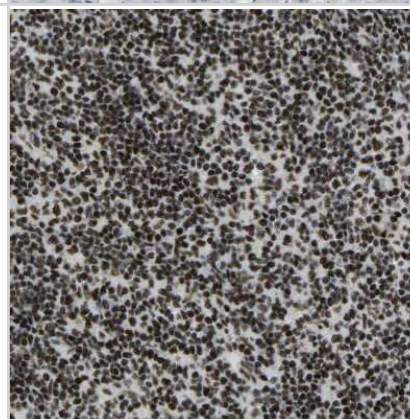
Immunohistochemistry-Paraffin: FoxK1 Antibody [NBP1-83109] - Staining of human cerebral cortex, liver, lymphoid tissues and testis using Anti-FOXK1 antibody NBP1-83109 (A) shows similar protein distribution across tissues to independent antibody NBP1-83110 (B).



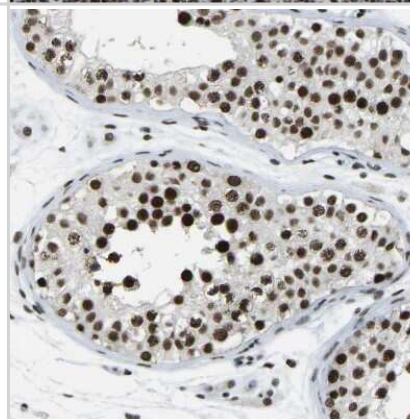
Immunohistochemistry-Paraffin: FoxK1 Antibody [NBP1-83109] - Staining of human liver shows no positivity in hepatocytes as expected.



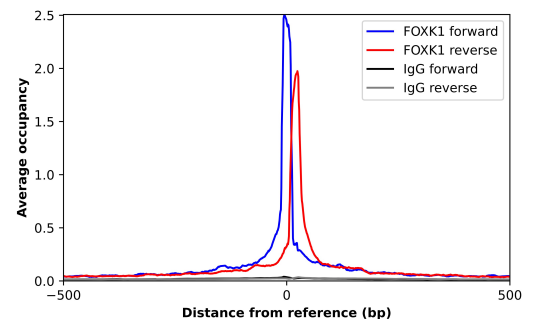
Immunohistochemistry-Paraffin: FoxK1 Antibody [NBP1-83109] - Staining of human lymph node shows moderate to strong nuclear positivity in non-germinal center cells.



Immunohistochemistry-Paraffin: FoxK1 Antibody [NBP1-83109] - Staining of human testis shows moderate to strong nuclear positivity in cells in seminiferous ducts.



ChIP-Exo-Seq composite graph for Anti-FOXK1 (NBP1-83109) tested in K562 cells. Strand-specific reads (blue: forward, red: reverse) and IgG controls (black: forward, grey: reverse) are plotted against the distance from a composite set of reference binding sites. The antibody exhibits robust target enrichment compared to a non-specific IgG control and precisely reveals its structural organization around the binding site. Data generated by Prof. B. F. Pugh's Lab at Cornell University.





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Products Related to NBP1-83109

NBP1-83109PEP	FoxK1 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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