

Product Datasheet

TCF-2/HNF-1 beta Antibody (CL0374) - Azide and BSA Free NBP3-43951

Unit Size: 100 ug

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

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NBP3-43951

TCF-2/HNF-1 beta Antibody (CL0374) - Azide and BSA Free

Product Information	
Unit Size	100 ug
Concentration	LYOPH mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CL0374
Preservative	No Preservative
Reconstitution Instructions	Centrifuge the vial of lyophilized antibody at 12,000 x g for 20 seconds. Reconstitute by adding sterile, distilled water to achieve a final antibody concentration of 1mg/ml.
Isotype	IgG1
Purity	Protein A purified
Buffer	Lyophilized from a 0.2 um filtered solution in PBS with Trehalose

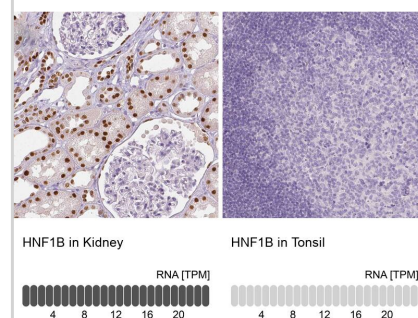
Product Description	
Description	Novus Biologicals Mouse TCF-2/HNF-1 beta Antibody (CL0374) - Azide and BSA Free (NBP2-30678) is a monoclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	6928
Gene Symbol	HNF1B
Species	Human
Immunogen	This antibody was generated using a recombinant protein sequence of P35680, with the exact immunogen sequence remaining proprietary.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence
Recommended Dilutions	Western Blot 1 ug/ml, Immunocytochemistry/ Immunofluorescence 2-10 ug/ml, Immunohistochemistry-Paraffin 1:500 - 1:1000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. Immunocytochemistry/Immunofluorescence/IF, Fixation Permeabilization: Use PFA/Triton X-100.

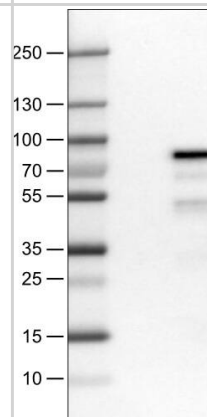


Images

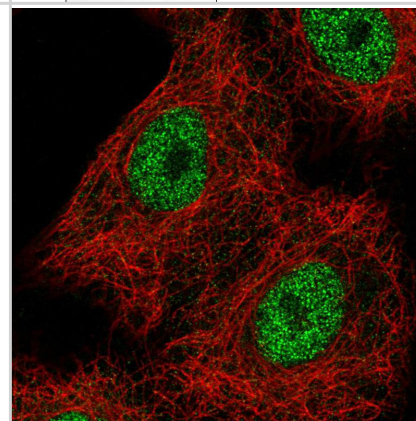
Analysis in human kidney and tonsil tissues using NBP3-43951 antibody. Corresponding TCF-2/HNF-1 beta RNA-seq data are presented for the same tissues.



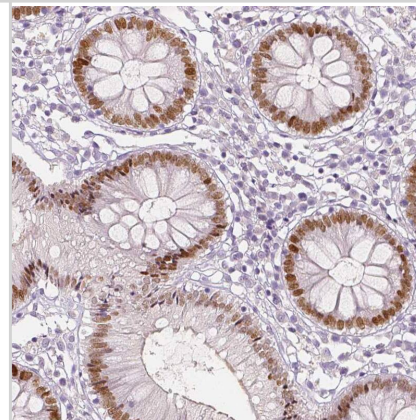
Lane 1: Marker [kDa]
 Lane 2: Negative control (vector only transfected HEK293T lysate)
 Lane 3: TCF-2/HNF-1 beta Over-expression Lysate (Co-expressed with a C-terminal myc-DDK tag (~3.1 kDa) in mammalian HEK293T cells)



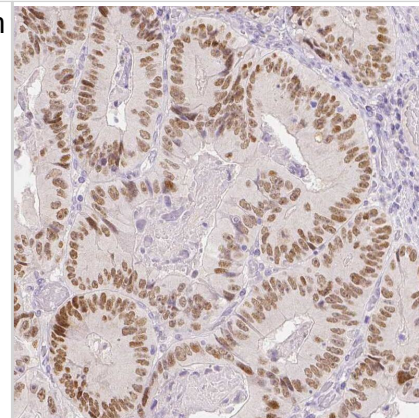
Staining in A549 cell line with Anti-TCF-2/HNF-1 beta monoclonal antibody) staining in green. Microtubule probes are visualized in red (where available).



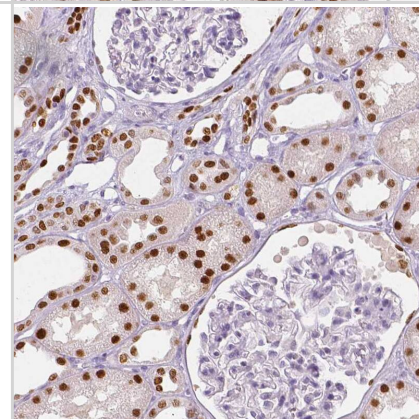
Staining of human colon shows moderate to strong nuclear positivity in glandular cells.



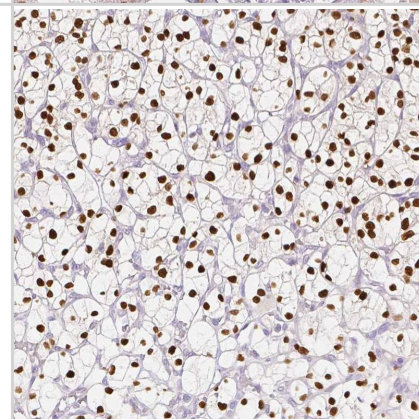
Staining of human colorectal cancer shows moderate nuclear positivity in tumor cells.



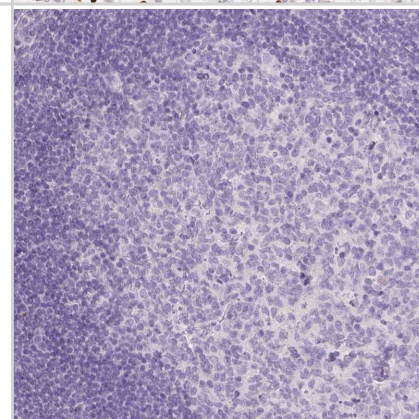
Staining of human kidney shows strong nuclear positivity in cells in tubules.



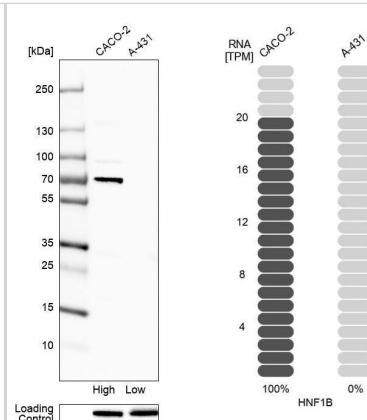
Staining of human renal cancer shows strong nuclear positivity in tumor cells.



Staining of human tonsil shows no positivity in lymphoid cells as expected.



Analysis in human cell lines Caco-2 and A-431 using Anti-TCF-2/HNF-1 beta antibody. Corresponding TCF-2/HNF-1 beta RNA-seq data are presented for the same cell lines. Loading control: Anti-PARP1.





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Products Related to NBP3-43951

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
NBP2-30678PEP	TCF-2/HNF-1 beta 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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