Product Datasheet

WHIP Antibody - BSA Free
NBP2-38190

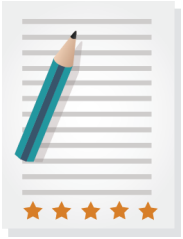
Unit Size: 0.1 ml

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

Publications: 1

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP2-38190

Updated 12/2/2025 v.20.1



NBP2-38190

WHIP 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	Affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description

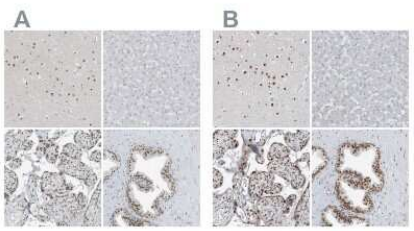
Description	Novus Biologicals Rabbit WHIP Antibody - BSA Free (NBP2-38190) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	56897
Gene Symbol	WRNIP1
Species	Human
Immunogen	This antibody was developed against a recombinant protein corresponding to amino acids: CKKSGQSYSPSRVLITENDVKEGLQRSHILYDRAGEEHYNCISALHKSMRGSD QNASLYWLARMLEGGEDPLYVARRLVRFAS

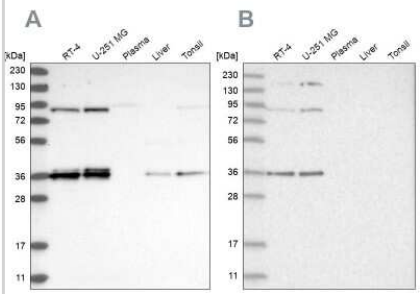
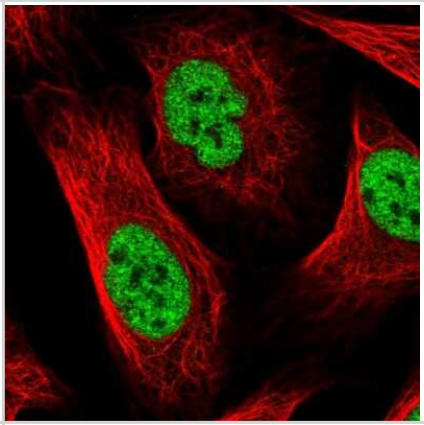
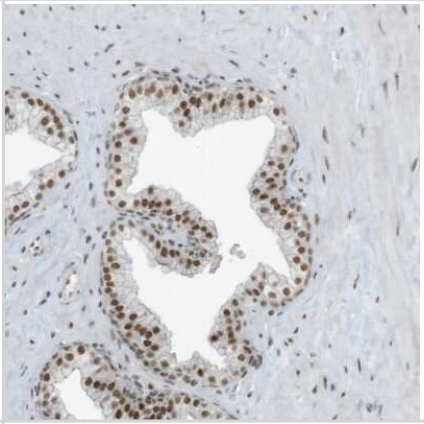
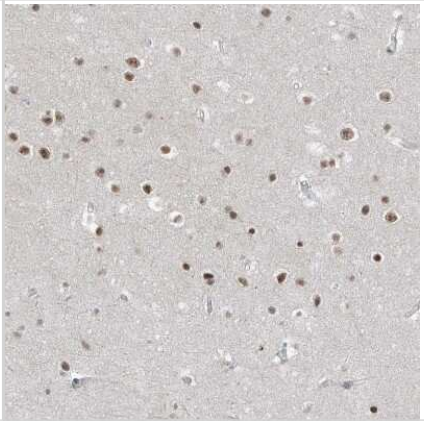
Product Application Details

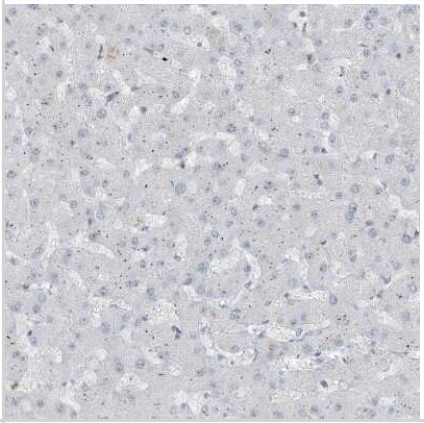
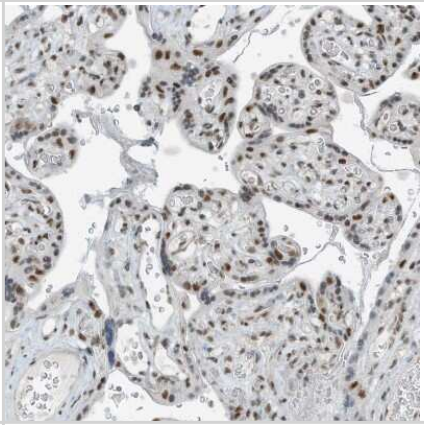
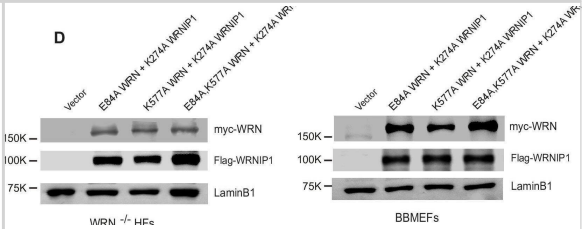
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

Images

Immunohistochemistry-Paraffin: WHIP Antibody [NBP2-38190] - Staining of human cerebral cortex, liver, placenta and prostate using Anti-WRNIP1 antibody NBP2-38190 (A) shows similar protein distribution across tissues to independent antibody NBP1-90030 (B).



Western Blot: WHIP Antibody [NBP2-38190] - Analysis using Anti-WRNIP1 antibody NBP2-38190 (A) shows similar pattern to independent antibody NBP1-90030 (B).	
Immunocytochemistry/Immunofluorescence: WHIP Antibody [NBP2-38190] - Staining of human cell line U-2 OS shows positivity in nucleus but excluded from the nucleoli. Antibody staining is shown in green.	
Immunohistochemistry-Paraffin: WHIP Antibody [NBP2-38190] - Staining of human prostate shows moderate nuclear positivity in glandular cells.	
Immunohistochemistry-Paraffin: WHIP Antibody [NBP2-38190] - Staining of human cerebral cortex shows moderate nuclear positivity in neurons.	

Immunohistochemistry-Paraffin: WHIP Antibody [NBP2-38190] - Staining of human liver shows no positivity in hepatocytes as expected.	
Immunohistochemistry-Paraffin: WHIP Antibody [NBP2-38190] - Staining of human placenta shows moderate nuclear positivity in trophoblastic cells.	
siRNA knockdown efficiency of WRNIP1 and stable expression of WT and mutant WRN and WRNIP1 proteins.(A) (i) Schematic representation of WRNIP1 protein. The positions of UBZ, siRNA target site, the core ATPase domain, and the position of K274A mutation in this domain are indicated. (ii) The sequence of the conserved Walker A motif containing the ATP-binding-deficient K577A mutation in WRN or K274A mutation in WRNIP1 is shown. (iii) Western blot analyses of the efficiency of WRNIP1 knockdown in HFs and BBMEFs. (B) Western blot analyses of stable expression of WT and mutant WRN proteins in WRN-/- HFs (left) and BBMEFs (right). (C) Western blot analyses of stable expression of WT and mutant WRNIP1 proteins in WT HFs (left) and BBMEFs (right). (D) Western blot analyses of stable expression of combinations of WRN and WRNIP1 mutant proteins in WRN-/- HFs (left) and BBMEFs (right).Figure 1—figure supplement 1—source data 1.Original uncropped images for western blots shown in Figure 1—figure supplement 1.Figure 1—figure supplement 1—source data 2.Original uncropped images for western blots shown in Figure 1—figure supplement 1 (labelled).Original uncropped images for western blots shown in Figure 1—figure supplement 1.Original uncropped images for western blots shown in Figure 1—figure supplement 1 (labelled). Image collected and cropped by CiteAb from the following open publication (https://pubmed.ncbi.nlm.nih.gov/40900148), licensed under a CC-BY license. Not internally tested by Novus Biologicals.	

Publications

Yoon J, Sellamuthu K, Prakash L et al. WRN and WRNIP1 ATPases impose high fidelity on translesion synthesis by Y-family DNA polymerases eLife 2025-09-03 [PMID: 40900148]

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Products Related to NBP2-38190

NBP2-38190PEP	WHIP Recombinant Protein Antigen
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
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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