

Product Datasheet

WHIP Antibody - BSA Free NBP1-77987

Unit Size: 0.1 mg

Store at -20C short term. Aliquot and store at -80C long term. Avoid freeze-thaw cycles.

www.novusbio.com



technical@novusbio.com

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP1-77987

Updated 2/21/2025 v.20.1

Earn rewards for product
reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/NBP1-77987



NBP1-77987

WHIP Antibody - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C short term. Aliquot and store at -80C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2

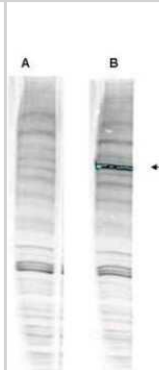
Product Description	
Description	This is an affinity purified antibody produced by immunoaffinity chromatography using the immunizing peptide immobilized to a solid phase Store vial at -20C prior to opening. Aliquot contents and freeze at -20C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4C as an undiluted liquid. Dilute only prior to immediate use.
Host	Rabbit
Gene ID	56897
Gene Symbol	WRNIP1
Species	Human
Reactivity Notes	Reactivity is expected against human, mouse, rat and monkey WHIP protein.
Specificity/Sensitivity	Reactivity is expected against human, mouse, rat and monkey WHIP protein.
Immunogen	This affinity purified WHIP Antibody was prepared from whole rabbit serum produced by repeated immunizations with a synthetic peptide corresponding to an internal region of the WHIP protein. The immunogen sequence shows 100% homology to human WHIP (isoform 1) and WHIP2 (isoform 2) with predicted molecular weights of 72.2 kDa and 69.5 kDa, respectively. The immunogen sequence also shows 100% homology to WHIP from mouse, rat and monkey sequences. Reactivity with WHIP proteins from other sources is not known, but is likely due to reported homologies. (Uniprot: Q96S55)

Product Application Details	
Applications	Western Blot, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500-1:2000, ELISA 1:10000-1:40000, Immunohistochemistry 1:10-1:500, Immunohistochemistry-Paraffin 1:10-1:500
Application Notes	This affinity purified antibody has been tested by WB and ELISA. Anti-WHIP is useful in western blotting against HEK293 whole cell lysates. Dilutions for western blotting represent a starting point dilution and further optimization may be required. The antibody detects a band of approximately 96.0 kDa (predicted molecular weight: 72.2 kDa). Specific band detection by western blot is blocked by pre-incubating the antibody with the immunizing peptide prior to reaction with the membrane. Reactivity in other immunoassays is unknown.



Images

Western Blot: WHIP Antibody [NBP1-77987] - Antibody with and without pre-incubation with blocking peptide. Testing was performed on antiserum prior to affinity purification. Peptide competition (left) blocks the specific staining, whereas the control (right) shows staining of a strong dominant band corresponding to human WHIP1. ~30ug of HEK293 lysate was loaded per lane for 4-20% gradient SDS-PAGE. Comparison to a molecular weight marker (not shown) indicates a band of ~96.0 kDa is detected. The blot was incubated with a 1:1000 dilution of the antibody at room temperature for 2 h followed by detection using IRDye(R) 800 labeled Goat-a-Rabbit IgG [H&L] MX10 diluted 1:5,000 for 45 min.



Western Blot: WHIP Antibody [NBP1-77987] - HEK293 whole cell lysate. ~30ug of lysate was loaded per lane for 4-20% gradient SDS-PAGE. Comparison to a molecular weight marker (not shown) indicates a primary band of ~96.0 kDa is detected. The identity of the minor band migrating at a slightly higher molecular weight is unknown, but may represent an alternate isoform of WHIP or post translational modification of the WHIP protein. See Figure 2 for the results of peptide competition experiments. The blot was incubated with a 1:200 dilution of the antibody at room temperature for 2 h followed by detection using IRDye(R) 800 labeled Goat-a-Rabbit IgG [H&L] MX10 diluted 1:5,000 for 45 min.





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP1-77987

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP1-90030PEP	WHIP 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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NBP1-77987

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

