

Product Datasheet

Vimentin Antibody - BSA Free NBP1-85814

Unit Size: 0.1 ml

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

www.novusbio.com



technical@novusbio.com

Publications: 4

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP1-85814

Updated 1/29/2026 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/NBP1-85814



NBP1-85814

Vimentin 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
Target Molecular Weight	53.6 kDa

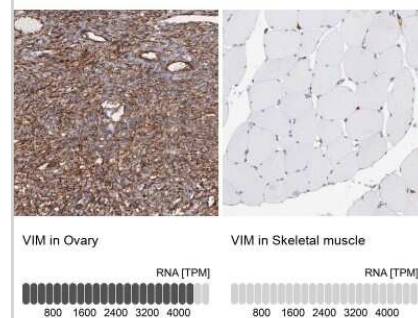
Product Description	
Description	Novus Biologicals Knockout (KO) Validated Rabbit Vimentin Antibody - BSA Free (NBP1-85814) is a polyclonal antibody validated for use in IHC, WB, ICC/IF and Simple Western. Anti-Vimentin Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	7431
Gene Symbol	VIM
Species	Human, Mouse
Marker	Mesenchymal Cells Marker
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: FANYIDKVRFLEQQNKILLAELEQLKGQGKSRLGDLYEEMRELRRQVDQLTN DKARVEVERDNLAEDIMRLREKLQEEMLQREEAENTLQSFQRQVDNASLARLD LERKVES

Product Application Details	
Applications	Western Blot, Simple Western, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Knockout Validated
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Simple Western 1:20, Immunohistochemistry 1:1000 - 1:2500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:1000 - 1:2500, Knockout Validated
Application Notes	ICC/IF, Fixation Permeabilization: Use PFA/Triton X-100. IHC-Paraffin, HIER pH6 retrieval is recommended. See Simple Western Antibody Database for Simple Western validation: Tested in NIH-3T3, U-251MG, separated by Size, antibody dilution of 1:20, apparent MW was 59 kDa

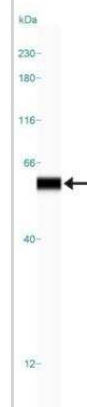


Images

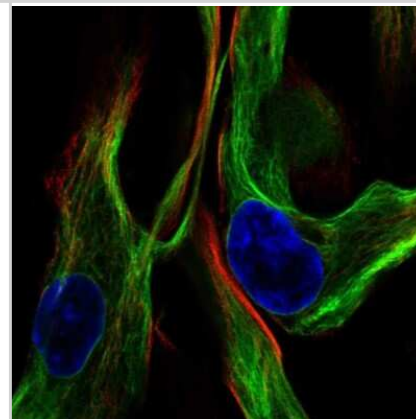
Immunohistochemistry-Paraffin: Vimentin Antibody [NBP1-85814] - Analysis in human ovary and skeletal muscle tissues. Corresponding VIM RNA-seq data are presented for the same tissues.



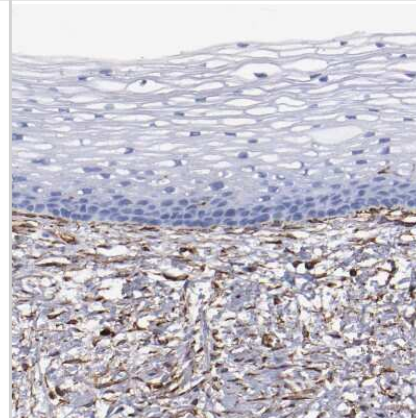
Simple Western: Vimentin Antibody [NBP1-85814] - Simple Western lane view shows a specific band for VIM in 0.2 mg/ml of NIH-3T3 lysate. This experiment was performed under reducing conditions using the 12-230 kDa separation system.



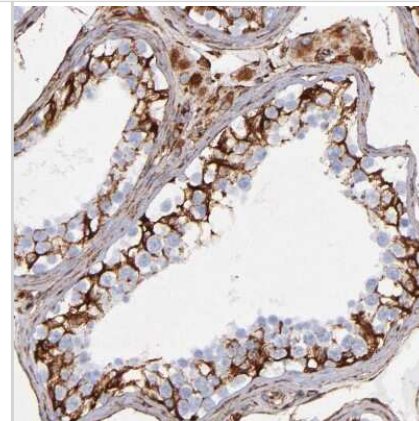
Immunocytochemistry/Immunofluorescence: Vimentin Antibody [NBP1-85814] - Staining of human cell line ASC TERT1 shows localization to intermediate filaments. Antibody staining is shown in green.



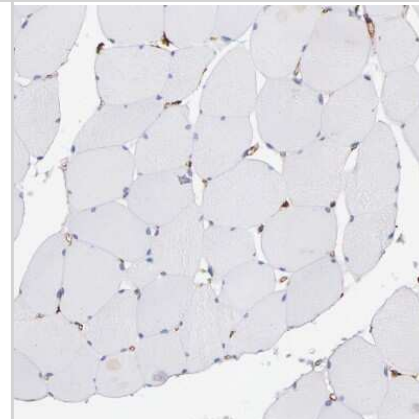
Immunohistochemistry-Paraffin: Vimentin Antibody [NBP1-85814] - Staining of human cervix, uterine shows moderate cytoplasmic positivity in stromal cells.



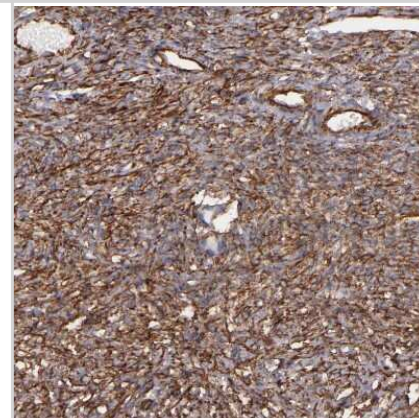
Immunohistochemistry-Paraffin: Vimentin Antibody [NBP1-85814] - Staining of human testis shows strong membranous positivity in cells in seminiferous ducts.



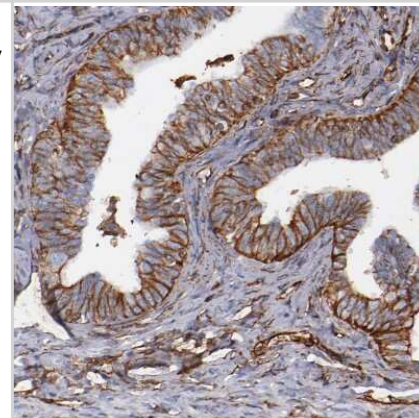
Immunohistochemistry-Paraffin: Vimentin Antibody [NBP1-85814] - Staining of human skeletal muscle shows no positivity in myocytes.



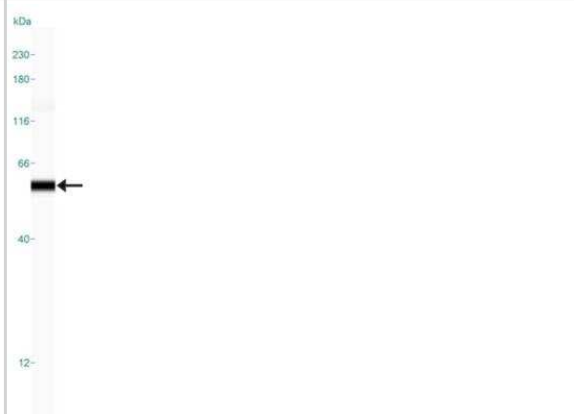
Immunohistochemistry-Paraffin: Vimentin Antibody [NBP1-85814] - Staining of human ovary shows moderate cytoplasmic positivity in stromal cells.



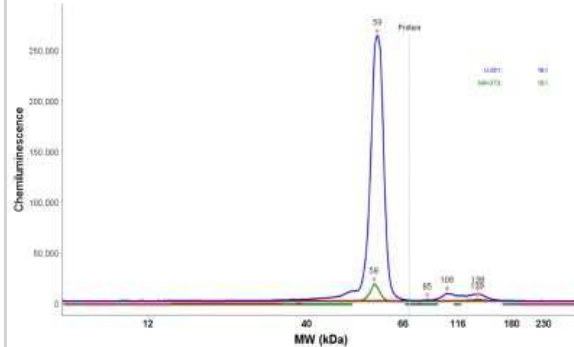
Immunohistochemistry-Paraffin: Vimentin Antibody [NBP1-85814] - Staining of human fallopian tube shows moderate membranous positivity in glandular cells.



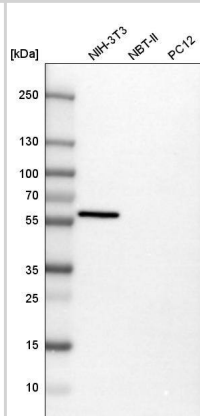
Simple Western: Vimentin Antibody [NBP1-85814] - Simple Western lane view shows a specific band for VIM in 0.2 mg/ml of U-251MG lysate. This experiment was performed under reducing conditions using the 12-230 kDa separation system.



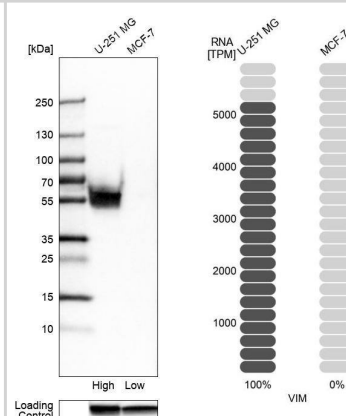
Simple Western: Vimentin Antibody [NBP1-85814] - Electropherogram image(s) of corresponding Simple Western lane view. Vimentin antibody was used at 1:20 dilution on NIH-3T3 lysates(s).



Analysis in mouse cell line NIH-3T3, rat cell line NBT-II and rat cell line pC12.



Analysis in human cell lines U-251MG and MCF-7 using Anti-VIM antibody. Corresponding VIM RNA-seq data are presented for the same cell lines. Loading control: Anti-GAPDH.



Publications

Wang E, Yu K, Cao J et al. Multiscale proteomic modeling reveals protein networks driving Alzheimer's disease pathogenesis. Cell 2025-09-25 [PMID: 41005309]

Lopez-Rodriguez AB, Acaz-Fonseca E, Viveros MP et al. Changes in Cannabinoid Receptors, Aquaporin 4 and Vimentin Expression after Traumatic Brain Injury in Adolescent Male Mice. Association with Edema and Neurological Deficit. PLoS One 2015-01-01 [PMID: 26039099] (WB, Mouse)

YAMASAKI T, SEKI N, YAMADA Y et al. Tumor suppressive microRNA-138 contributes to cell migration and invasion through its targeting of vimentin in renal cell carcinoma. Int J Oncol 2012-09-01 [PMID: 22766839]

Stadler C, Hjelmare M, Neumann B et al. Systematic validation of antibody binding and protein subcellular localization using siRNA and confocal microscopy. J Proteomics 2012-04-03 [PMID: 22361696]





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 NBP1-85814

NBP1-85814PEP	Vimentin 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.

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/NBP1-85814

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

