

Product Datasheet

EPLIN Antibody - BSA Free

NBP1-87947

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: 5

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP1-87947

Updated 9/9/2025 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/NBP1-87947



NBP1-87947

EPLIN 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
Target Molecular Weight	85 kDa

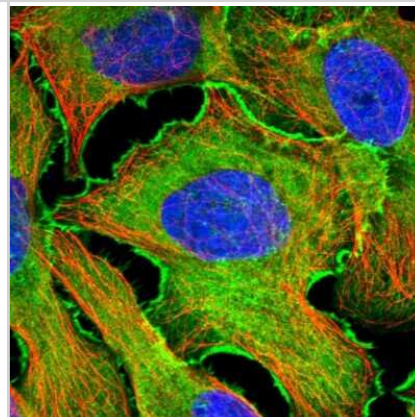
Product Description	
Description	Novus Biologicals Rabbit EPLIN Antibody - BSA Free (NBP1-87947) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-EPLIN Antibody: Cited in 5 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	51474
Gene Symbol	LIMA1
Species	Human, Mouse
Reactivity Notes	Mouse reactivity reported in the scientific literature (PMID: 24135282).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: ISENSYSLDDLEIGPGQLSSSTFDSEKNESRRNLELPRLSETSIKDRMAKYQAA VSKQSSSTNYTNELKASGGGEIKIHKMEQKENVPPGPVCITHQEGEKISANENS LAVRSTPAEDDSRDS

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 method is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

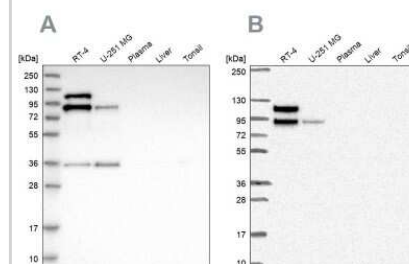


Images

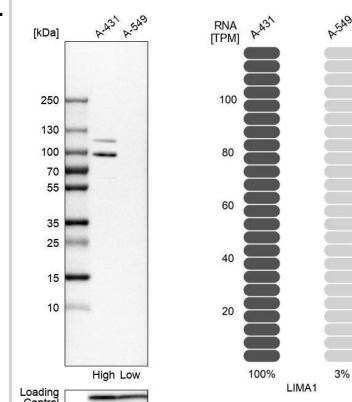
Immunocytochemistry/Immunofluorescence: EPLIN Antibody [NBP1-87947] - Staining of human cell line U-2 OS shows localization to plasma membrane, cytosol and actin filaments. Antibody staining is shown in green.



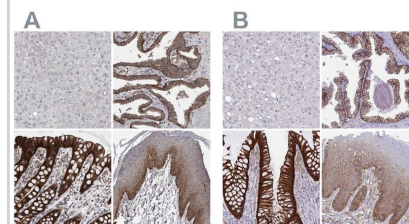
Western Blot: EPLIN Antibody [NBP1-87947] - Analysis using Anti-LIMA1 antibody NBP1-87947 (A) shows similar pattern to independent antibody NBP2-38673 (B).



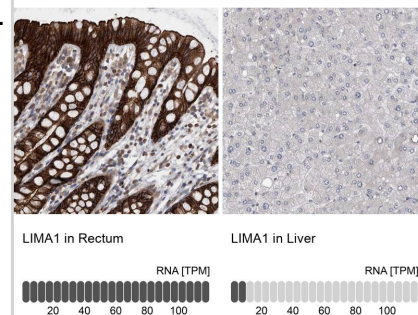
Analysis in human cell lines A-431 and A-549 using Anti-LIMA1 antibody. Corresponding LIMA1 RNA-seq data are presented for the same cell lines. Loading control: Anti-PPIB.



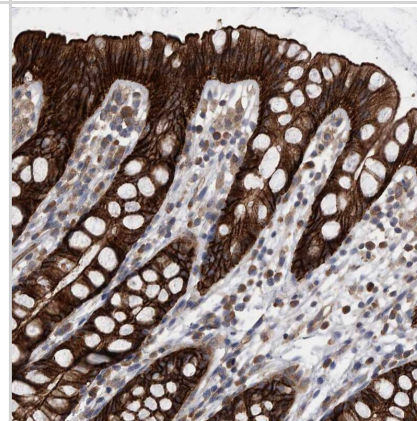
Staining of human liver, prostate, rectum and squamous epithelia using Anti-LIMA1 antibody NBP1-87947 (A) shows similar protein distribution across tissues to independent antibody NBP2-38673 (B).



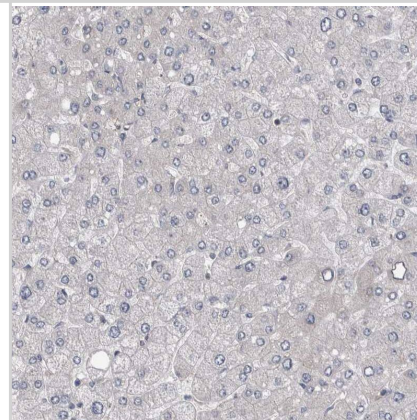
Analysis in human rectum and liver tissues using HPA023871 antibody. Corresponding LIMA1 RNA-seq data are presented for the same tissues.



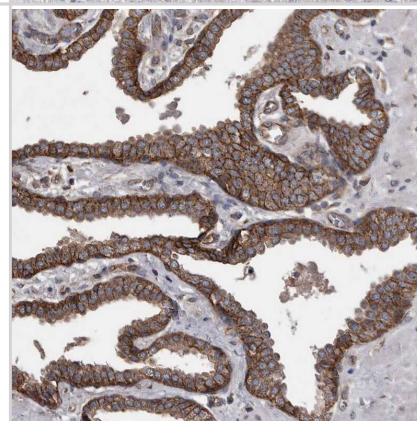
Staining of human rectum shows strong membranous and cytoplasmic positivity in glandular cells.



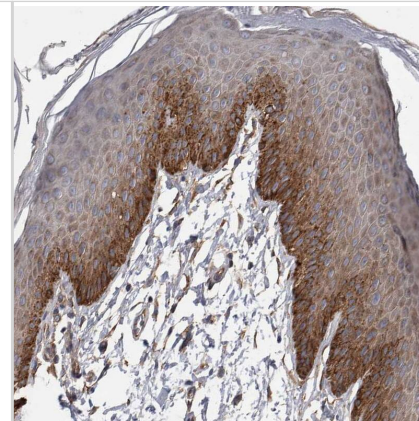
Staining of human liver shows very weak membranous positivity in hepatocytes.



Staining of human prostate shows strong membranous positivity in glandular cells.



Staining of human skin shows moderate membranous and cytoplasmic positivity in squamous epithelial cells.



Publications

Zhang Z, Lin W, Gan Q et al. The influences of ApoE isoforms on endothelial adherens junctions and actin cytoskeleton responding to mCRP Angiogenesis 2024-09-14 [PMID: 39276310]

Esmailniakooshghazi A, Pham E, George SP et al. In colon cancer cells fascin1 regulates adherens junction remodeling FASEB journal : official publication of the Federation of American Societies for Experimental Biology 2023-03-01 [PMID: 36786724] (WB, Human)

Sano T, Sun X, Feng Y et al. Inhibition of the Growth of Breast Cancer-Associated Brain Tumors by the Osteocyte-Derived Conditioned Medium Cancers 2021-03-03 [PMID: 33802279] (WB, Mouse)

Stadler C, Rexhepaj E, Singan VR et al. Immunofluorescence and fluorescent-protein tagging show high correlation for protein localization in mammalian cells. Nat Methods 2013-04-01 [PMID: 23435261]

Steder M, Alla V, Meier C et al. DNp73 Exerts Function in Metastasis Initiation by Disconnecting the Inhibitory Role of EPLIN on IGF1R-AKT/STAT3 Signaling. Cancer Cell. 2013-10-14 [PMID: 24135282] (IHC-P, Mouse)



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 NBP1-87947

NBP1-87947PEP	EPLIN 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.

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/NBP1-87947

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

