

Product Datasheet

Annexin A1 Antibody - BSA Free NBP1-90162

Unit Size: 0.1 ml

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

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NBP1-90162

Annexin A1 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

Product Description

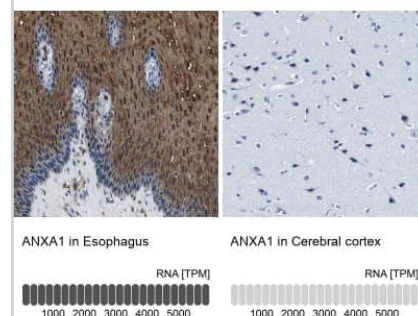
Host	Rabbit
Gene ID	301
Gene Symbol	ANXA1
Species	Human, Mouse, Rat
Reactivity Notes	Reactivity reported in scientific literature (PMID: 23920108)
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: FRNALLSLAKGDRSEDFGVNEDLADSDARALYEAGERRKGTDVNVFNTILTTR SYPQLRRVFQKYTKYSKHD MNKVLDELKGDIEKCLTAIVKCATSKPAFFAEKL HQAMKGVGTRHKALIRIMV

Product Application Details

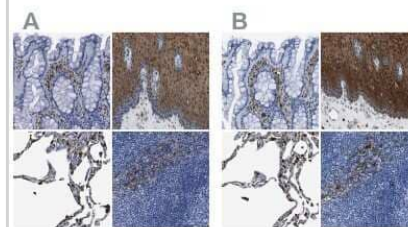
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Knockdown Validated
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:1000 - 1:2500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:1000-1:2500, Knockdown Validated
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

Images

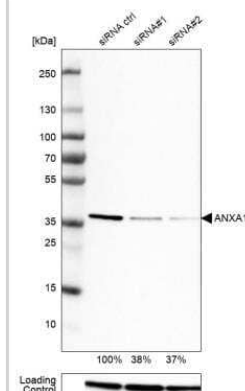
Immunohistochemistry-Paraffin: Annexin A1 Antibody [NBP1-90162] - Analysis in human esophagus and cerebral cortex tissues. Corresponding ANXA1 RNA-seq data are presented for the same tissues.



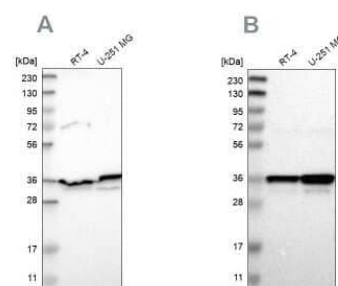
Immunohistochemistry-Paraffin: Annexin A1 Antibody [NBP1-90162] - Staining of human colon, esophagus, lung and lymph node using Anti-Annexin A1 antibody NBP1-90162 (A) shows similar protein distribution across tissues to independent antibody NBP1-90161 (B).



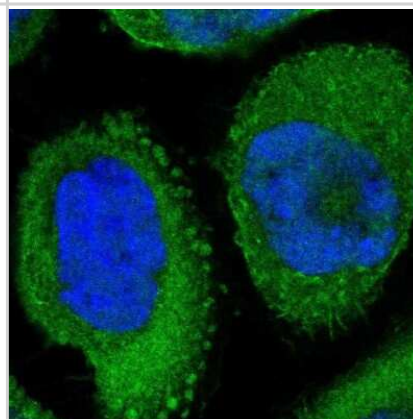
Western Blot: Annexin A1 Antibody [NBP1-90162] - Analysis in U-251MG cells transfected with control siRNA, target specific siRNA probe #1 and #2, using Anti-ANXA1 antibody. Remaining relative intensity is presented. Loading control: Anti-PPIB.



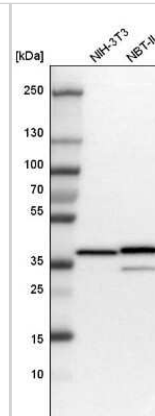
Western Blot: Annexin A1 Antibody [NBP1-90162] - Analysis using Anti-ANXA1 antibody NBP1-90162 (A) shows similar pattern to independent antibody NBP1-90161 (B).



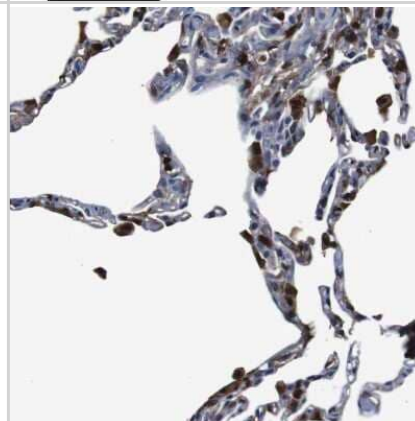
Immunocytochemistry/Immunofluorescence: Annexin A1 Antibody [NBP1-90162] - Staining of human cell line A-431 shows localization to nucleoplasm, plasma membrane & cytosol. Antibody staining is shown in green.



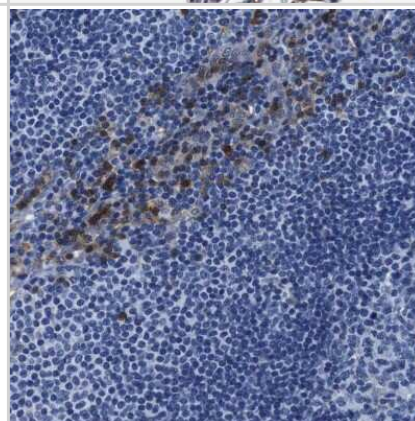
Western Blot: Annexin A1 Antibody [NBP1-90162] - Analysis in mouse cell line NIH-3T3 and rat cell line NBT-II.



Immunohistochemistry-Paraffin: Annexin A1 Antibody [NBP1-90162] - Staining of human lung shows strong positivity in macrophages.



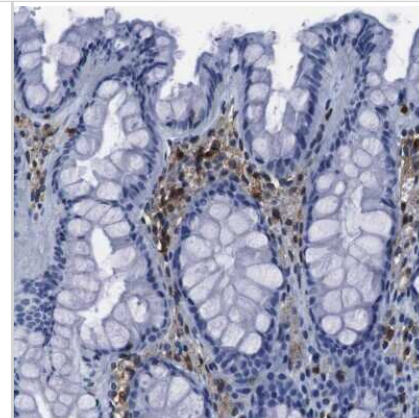
Immunohistochemistry-Paraffin: Annexin A1 Antibody [NBP1-90162] - Staining of human lymph node shows moderate to strong positivity in non-germinal center cells.



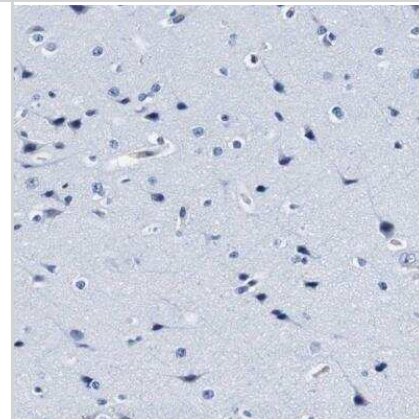
Immunohistochemistry-Paraffin: Annexin A1 Antibody [NBP1-90162] - Staining of human esophagus shows moderate to strong positivity in squamous epithelial cells.



Immunohistochemistry-Paraffin: Annexin A1 Antibody [NBP1-90162] - Staining of human colon shows moderate positivity in lymphoid cells.



Immunohistochemistry-Paraffin: Annexin A1 Antibody [NBP1-90162] - Staining of human cerebral cortex shows no positivity in neurons as expected.



Publications

Herrera-López EE, Guerrero-Escalera D, Aguirre-Maldonado I et al. Annexins A2 and A5 are potential early biomarkers of hepatocarcinogenesis Scientific reports 2023-04-28 [PMID: 37117324]

Andersson S, Konrad A, Ashok N et al. Antibodies Biotinylated Using a Synthetic Z-domain from Protein A Provide Stringent In Situ Protein Detection. J Histochem Cytochem 2013-11-01 [PMID: 23920108]



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 NBP1-90162

NBP1-90162PEP	Annexin A1 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.

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