

Product Datasheet

Annexin A2 Antibody - BSA Free NBP1-31310

Unit Size: 100 ul

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

www.novusbio.com



technical@novusbio.com

Publications: 8

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP1-31310

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/NBP1-31310



NBP1-31310

Annexin A2 Antibody - BSA Free

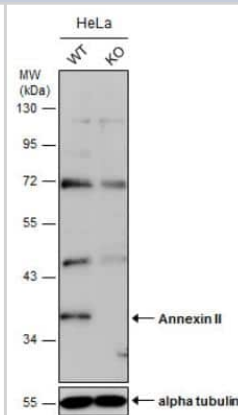
Product Information	
Unit Size	100 ul
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Thimerosal
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	0.1M Tris (pH 7), 0.1M Glycine, 20% Glycerol
Target Molecular Weight	39 kDa

Product Description	
Host	Rabbit
Gene ID	302
Gene Symbol	ANXA2
Species	Human
Reactivity Notes	Mouse reactivity reported in scientific literature (PMID: 31585940).
Immunogen	Carrier-protein conjugated synthetic peptide encompassing a sequence within the N-terminus region of human Annexin A2. The exact sequence is proprietary.

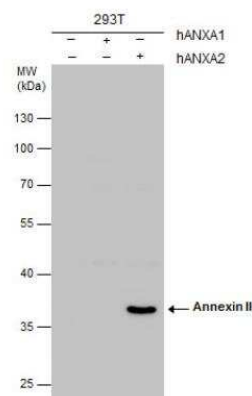
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation, Knockdown Validated, Knockout Validated
Recommended Dilutions	Western Blot 1:500-1:3000, Immunohistochemistry 1:100-1:1000, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunoprecipitation 1:10 - 1:500, Immunohistochemistry-Paraffin 1:100-1:1000, Knockout Validated, Knockdown Validated
Application Notes	Knockdown validation (PMID: 31585940).

Images

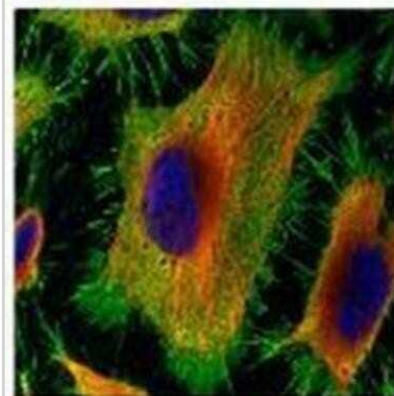
Western Blot: Annexin A2 Antibody [NBP1-31310] - Wild-type (WT) and Annexin II knockout (KO) HeLa cell extracts (30 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with Annexin II antibody [N1], N-term. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



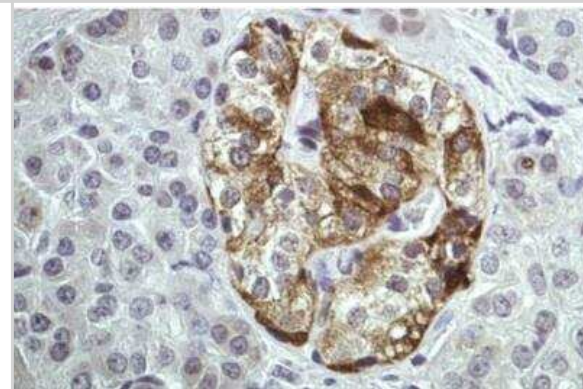
Western Blot: Annexin A2 Antibody [NBP1-31310] - Analysis. Non-transfected (-) and human Annexin I or Annexin II-transfected (+) whole cell extracts (30 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with Annexin II antibody diluted at 1:1000.



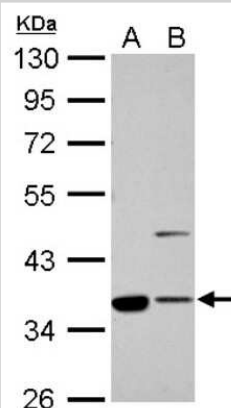
Immunocytochemistry/Immunofluorescence: Annexin A2 Antibody [NBP1-31310] - Confocal immunofluorescence analysis (Olympus FV10i) of paraformaldehyde-fixed HeLa, using Annexin A2 Antibody antibody (Green) at 1:500 dilution. Alpha-tubulin filaments were labeled Red.



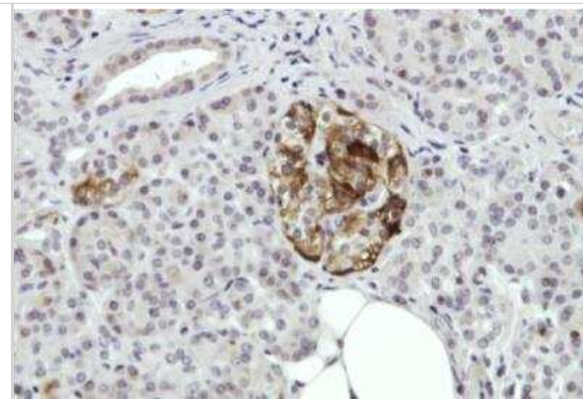
Immunohistochemistry-Paraffin: Annexin A2 Antibody [NBP1-31310] - Human pancreas tissue, using ANXA2 antibody at 1:100 dilution. Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min



Western Blot: Annexin A2 Antibody [NBP1-31310] - A. 30 ug A549 whole cell lysate/extract, B. 30 ug HCT116 whole cell lysate/extract 10 % SDS-PAGE gel, antibody dilution 1:1000.



Immunohistochemistry-Paraffin: Annexin A2 Antibody [NBP1-31310] - Human pancreas tissue, using ANXA2 antibody at 1:100 dilution. Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min



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]

Weiss R, Bushi D, Mindel E et al. Autoantibodies to Annexin A2 and cerebral thrombosis: Insights from a mouse model *Lupus* 2021-02-07 [PMID: 33554716] (WB, Mouse)

Xiao Y, Zhao H, Tian L et al. S100A10 Is a Critical Mediator of GAS6/AXL-Induced Angiogenesis in Renal Cell Carcinoma *Cancer Res* 2019-10-06 [PMID: 31585940] (WB, Human)

Lu H, Xie Y, Tran L et al. Chemotherapy-induced S100A10 recruits KDM6A to facilitate OCT4-mediated breast cancer stemness *J Clin Invest.* 2020-05-19 [PMID: 32427586] (WB, IP, Human)

Liao L, Zheng B, Yi B et al. Annexin A2-modulated proliferation of pulmonary arterial smooth muscle cells depends on caveolae and caveolin-1 in hepatopulmonary syndrome *Exp. Cell Res.* 2017-07-17 [PMID: 28729092] (ICC/IF)

Weiss R, Bitton A, Nahary L et al. Cross-reactivity between annexin A2 and Beta-2-glycoprotein I in animal models of antiphospholipid syndrome. *Immunol. Res.* 2016-07-23 [PMID: 27449504]

Weiss R, Bitton A, Ben Shimon M et al. Annexin A2, autoimmunity, anxiety and depression *J. Autoimmun.* 2016-06-29 [PMID: 27372915]

Rogers SW, Gahring LC. Upregulation of Nicotinic Acetylcholine Receptor $\alpha 4 + \beta 2$ through a Ligand-Independent PI3K β Mechanism That Is Enhanced by TNF α and the Jak2/p38Mapk Pathways. *PLoS One* 2015-01-01 [PMID: 26619345] (ICC/IF)



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 NBP1-31310

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP1-37086	Recombinant Human Annexin A2 His Protein

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/NBP1-31310

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

