

Product Datasheet

Annexin A2 Antibody - BSA Free NBP1-31310

Unit Size: 100 ul

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

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Publications: 8

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NBP1-31310

Annexin A2 Antibody - BSA Free

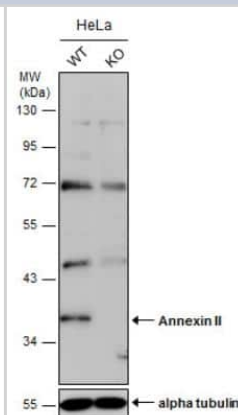
Product Information	
Unit Size	100 ul
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Thimerosal
Isotype	IgG
Purity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

Product Description	
Description	Novus Biologicals Knockout (KO) Validated Rabbit Annexin A2 Antibody - BSA Free (NBP1-31310) is a polyclonal antibody validated for use in IHC, WB, ICC/IP and IP. Anti-Annexin A2 Antibody: Cited in 8 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	302
Gene Symbol	ANXA2
Species	Human, Mouse
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.

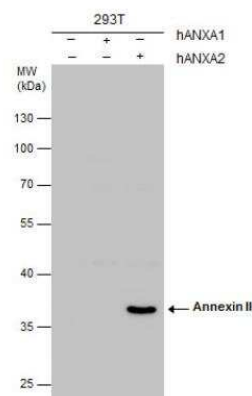
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunoprecipitation, Knockdown Validated, Knockout Validated
Recommended Dilutions	Western Blot 1:500-1:3000, Immunohistochemistry 1:100-1:1000, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunoprecipitation Assay dependent, Immunohistochemistry-Paraffin 1:100-1:1000, Knockout Validated, Knockdown Validated 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.



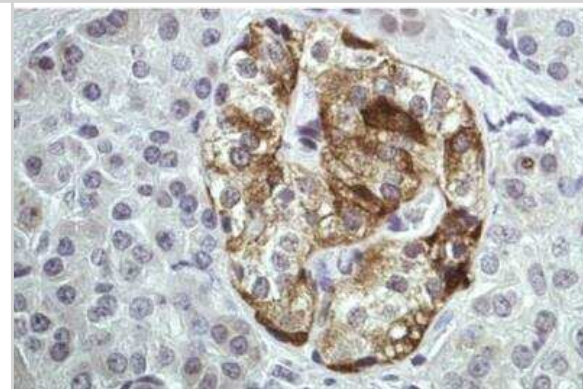
Western Blot: Annexin A2 Antibody [NBP1-31310] - Analysis. Non-transfected (-) and human Annexin I or Annexin II-transfected (+) whole cell extracts (30 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with Annexin II antibody diluted at 1:1000.



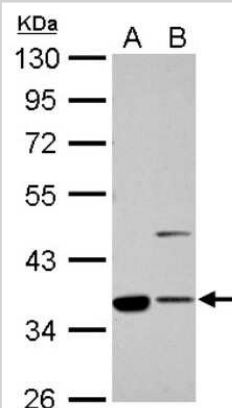
Immunocytochemistry/Immunofluorescence: Annexin A2 Antibody [NBP1-31310] - Confocal immunofluorescence analysis (Olympus FV10i) of paraformaldehyde-fixed HeLa, using Annexin A2 Antibody antibody (Green) at 1:500 dilution. Alpha-tubulin filaments were labeled Red.



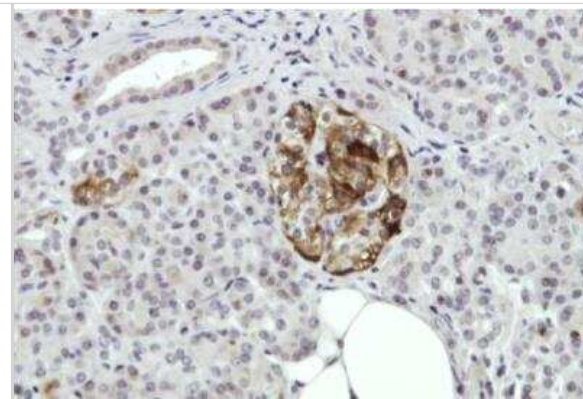
Immunohistochemistry-Paraffin: Annexin A2 Antibody [NBP1-31310] - Human pancreas tissue, using ANXA2 antibody at 1:100 dilution. Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min



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] (Immunocytochemistry/Immunofluorescence)

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)



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Products Related to NBP1-31310

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.

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