

Annexin A1 Polyclonal Antibody

Product Details	
Size	100 µL
Species Reactivity	Human, Mouse, Rat
Published Species	Human, Mouse
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Recombinant fragment corresponding to a region within amino acids 24 and 346 of Human Annexin A1
Form	Liquid
Concentration	0.95 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS, pH 7, with 20% glycerol
Contains	0.025% ProClin 300
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2544791

Applications	Tested Dilution	Publications
Western Blot (WB)	1:500-1:3,000	2 Publications
Immunohistochemistry (IHC)	-	1 Publication
Immunohistochemistry (Paraffin) (IHC (P))	1:100-1:1,000	-
Immunocytochemistry (ICC/IF)	1:100-1:1,000	-
Immunoprecipitation (IP)	1:100-1:500	-

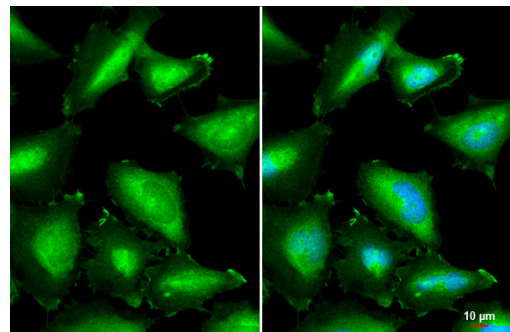
Product Specific Information

Recommended positive controls: HeLa, NIH-3T3, JC, ANXA1-transfected 293T.

Predicted reactivity: Mouse (86%), Rat (88%), Dog (91%), Pig (88%), Rabbit (91%), Chimpanzee (100%), Bovine (90%).

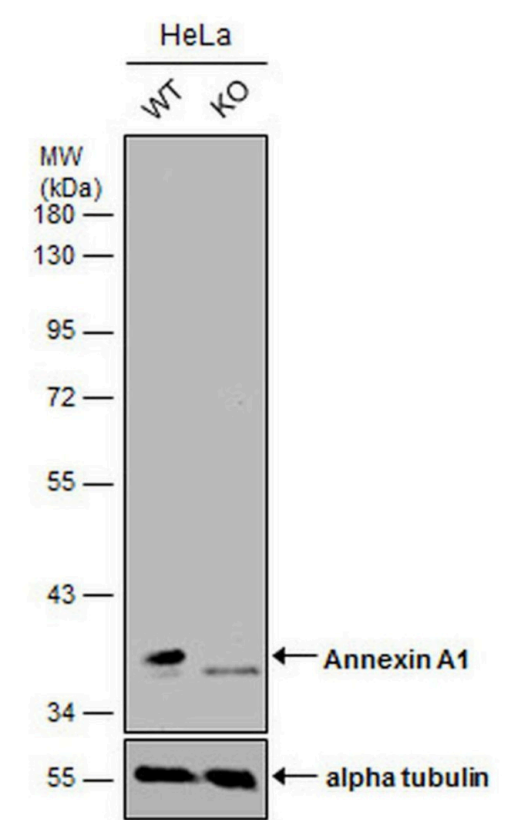
Store product as a concentrated solution. Centrifuge briefly prior to opening the vial.

Product Images For Annexin A1 Polyclonal Antibody



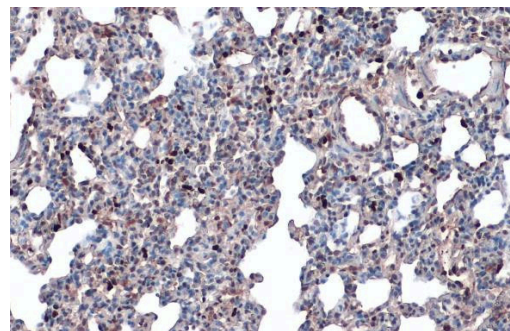
Annexin A1 Antibody (PA5-27315) in ICC/IF

Annexin A1 Polyclonal Antibody detects Annexin A1 protein by immunofluorescent analysis. Sample: HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: Annexin A1 stained by Annexin A1 Polyclonal Antibody (Product # PA5-27315) diluted at 1:500. Blue: Fluoroshield with DAPI . Scale bar= 10 µm.



Annexin A1 Antibody (PA5-27315)

Antibody specificity was demonstrated by knocking out the target protein. Annexin A1 knockout (KO) HeLa cell extracts show decrease in signal in Western blot application using Annexin A1 Polyclonal Antibody (Product # PA5-27315). {KO}



Annexin A1 Antibody (PA5-27315) in IHC (P)

Annexin A1 Polyclonal Antibody detects Annexin A1 protein at nucleus by immunohistochemical analysis. Sample: Paraffin-embedded mouse lung. Annexin A1 stained by Annexin A1 Polyclonal Antibody (Product # PA5-27315) diluted at 1:500. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min.

View more figures on thermofisher.cn

Western Blot (2)

<p>Heliyon</p> <p>Plasma exosomal miR-122 regulates the efficacy of metformin <i>via</i> AMPK in type 2 diabetes and hepatocellular carcinoma.</p> <p>"PA5-27315 was used in Western Blotting to reveal a key regulatory role of plasma exosomal miR-122 on the molecular mechanism of metformin."</p> <p>Authors: Peng H,Hou M,Wu Z,Wang J,Zhou M,Zhuang X,Xing J,Tao Q,Huang L,Zhou F,Zhang S,Feng Q,Hou Y,Yu Q</p>	<p>Year 2022</p> <p>Species Human</p>
<p>Journal of neuroinflammation</p> <p>Annexin A1 protects against cerebral ischemia-reperfusion injury by modulating microglia/macrophage polarization via FPR2/ALX-dependent AMPK-mTOR pathway.</p> <p>"PA5-27315 was used in Western Blot to report for the first time that the decreased ANXA1 in patients with AIS were recovered 2nd–3rd after successful recanalization by EVT."</p> <p>Authors: Xu X,Gao W,Li L,Hao J,Yang B,Wang T,Li L,Bai X,Li F,Ren H,Zhang M,Zhang L,Wang J,Wang D,Zhang J, Jiao L</p>	<p>Year 2021</p> <p>Species Human</p>

Immunohistochemistry (1)

<p>Cancer discovery</p> <p>Lineage Reversion Drives WNT Independence in Intestinal Cancer.</p> <p>"PA5-27315 was used in Immunohistochemistry to show that the accumulation of colorectal cancer-associated genetic alterations enables drug resistance and WNT-independent growth."</p> <p>Authors: Han T,Goswami S,Hu Y,Tang F,Zafra MP,Murphy C,Cao Z,Poirier JT,Khurana E,Elemento O,Hechtman JF, Ganesh K,Yaeger R,Dow LE</p>	<p>Year 2020</p> <p>Species Mouse</p> <p>Dilution 1:200</p>
---	---

For Research Use Only. Not for use in diagnostic procedures. Not for resale without express authorization. Products are warranted to operate or perform substantially in conformance with published Product specifications in effect at the time of sale, as set forth in the Production documentation, specifications and/or accompanying package inserts ("Documentation"). No claim of suitability for use in applications regulated by FDA is made. The warranty provided herein is valid only when used by properly trained individuals. Unless otherwise stated in the Documentation, this warranty is limited to one year from date of shipment when the Product is subjected to normal, proper and intended usage. This warranty does not extend to anyone other than the Buyer. Any model or sample furnished to Buyer is merely illustrative of the general type and quality of goods and does not represent that any Product will conform to such model or sample. NO OTHER WARRANTIES, EXPRESS OR IMPLIED, ARE GRANTED INCLUDING WITHOUT LIMITATION, IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, OR NON-INFRINGEMENT. BUYER'S EXCLUSIVE REMEDY FOR NON-CONFORMING PRODUCTS DURING THE WARRANTY PERIOD IS LIMITED TO REPAIR, REPLACEMENT OF OR REFUND FOR THE NON-CONFORMING PRODUCT(S) AT SELLER'S SOLE OPTION. THERE IS NO OBLIGATION TO REPAIR, REPLACE OR REFUND FOR PRODUCTS AS THE RESULT OF (i) ACCIDENT, DISASTER OR EVENT OF FORCE MAJEURE, (ii) MISUSE, FAULT OR NEGLIGENCE OF OR BY BUYER, (iii) USE OF THE PRODUCTS IN A MANNER FOR WHICH THEY WERE NOT DESIGNED, OR (iv) IMPROPER STORAGE AND HANDLING OF THE PRODUCTS. Unless otherwise expressly stated on the Product or in the documentation accompanying the Product, the Product is intended for research only and is not to be used for any other purpose, including without limitation, unauthorized commercial uses, in vitro diagnostic uses, ex vivo or in vivo therapeutic uses, or any type of consumption by or application to human or animals.