

Annexin A1 Polyclonal Antibody

Product Details

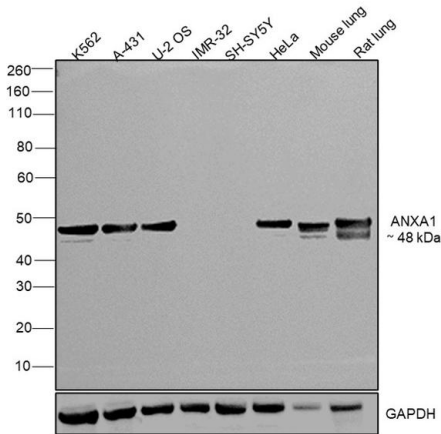
Size	100 µL
Species Reactivity	Human, Mouse, Rat
Published Species	Rat, Pig, Human, Mouse
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Full-length human recombinant Annexin I protein purified from yeast.
Form	Liquid
Concentration	Conc. Not Determined
Storage buffer	whole serum
Contains	0.1% sodium azide
Storage conditions	-20°C
RRID	AB_2533983

Applications	Tested Dilution	Publications
Western Blot (WB)	1:100-1:1,000	20 Publications
Immunohistochemistry (IHC)	-	8 Publications
Immunohistochemistry (Paraffin) (IHC (P))	1:20-1:200	1 Publication
Immunocytochemistry (ICC/IF)	1 µg/mL	8 Publications
Flow Cytometry (Flow)	-	4 Publications
ELISA (ELISA)	1:500-1:50,000	1 Publication
Immunoprecipitation (IP)	-	1 Publication
Miscellaneous PubMed (Misc)	-	1 Publication

Product Specific Information

This antibody is specific for the Annexin I protein and does not cross-react with other Annexins. Reactivity with Annexin I was confirmed by western blotting using total lysates derived from human fibroblasts. Positive control lysates used: human fibroblasts, mouse kidney, mouse lung, adult rat and mouse brain.

Product Images For Annexin A1 Polyclonal Antibody

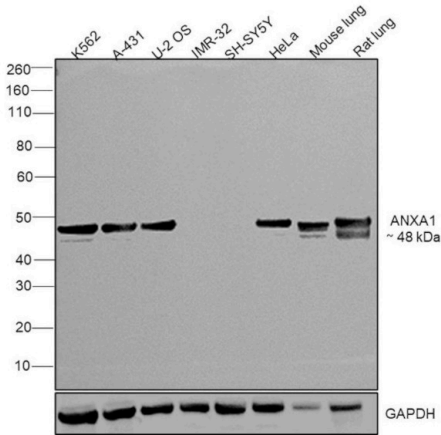


Annexin A1 Antibody (71-3400) in WB

Western blot was performed using Anti-Annexin A1 Polyclonal Antibody(Product # 71-3400) and a 48kDa band corresponding to Annexin A1 was observed across cell lines and tissues tested. Nuclear enriched extracts (30 µg lysate) of K-562 (Lane 1), A-431 (Lane 2), U-2 OS (Lane 3), IMR-32 (Lane 4), SH-SY5Y (Lane 5), HeLa (Lane 6), Mouse Lung (Lane 7), Rat Lung (Lane 8) were electrophoresed using NuPAGE™ 4-12% Bis-Tris Protein Gel (Product # NP0322BOX). Resolved proteins were then transferred onto a Nitrocellulose membrane (Product # IB23001) by iBlot® 2 Dry Blotting System (Product # IB21001). The blot was probed with the primary antibody (1:1000 Dilution) and detected by chemiluminescence with Goat anti-Rabbit IgG (H+L) Superclonal™ Recombinant Secondary Antibody, HRP (Product # A28177,1:4000 dilution) using the iBright FL 1000 (Product # A32752). Chemiluminescent detection was performed using Novex® ECL Chemiluminescent Substrate Reagent Kit (Product # WP20005).Expression of ANXA1 was observed all cell lines and tissues except IMR-32 and SH-5Y5Y which have no expression of ANXA1.

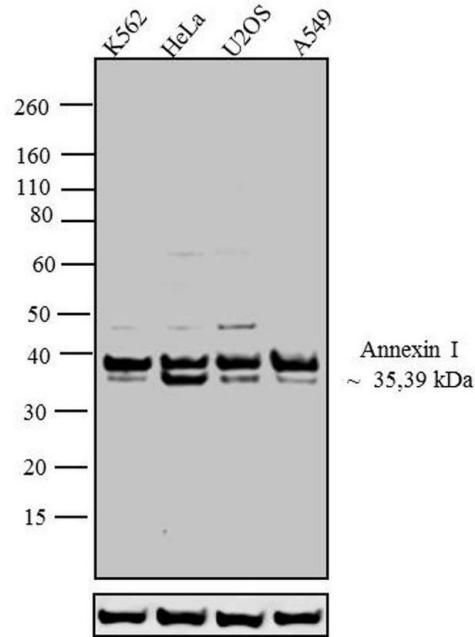
Annexin A1 Antibody (71-3400)

Antibody specificity was demonstrated by detection of differential basal expression of the target across cell lines and tissues tested owing to their inherent genetic constitution. Relative expression of Annexin A1 was observed high in all cell lines and tissues except IMR-32 and SH-5Y5Y which have no expression of ANXA1 using Anti-Annexin A1 Polyclonal Antibody (Product # 71-3400) in Western Blot. {RE}



Annexin A1 Antibody (71-3400) in WB

Western blot analysis of Annexin I was performed by loading 20 µg of K562 (lane1), HeLa (lane2), U2OS (lane3) and MCF7 (lane4) cell lysate using NuPAGE® 4-12 % Bis-Tris gel (Product # NP0322BOX), XCell SureLock Electrophoresis System (Product # EI0002), Novex® Sharp Pre-Stained Protein Standard (LC5800), and iBlot® Dry Blotting System (IB21001). Proteins were transferred to a nitrocellulose membrane and blocked with 5 % skim milk for 1 hour at room temperature. Annexin I was detected at ~ 35 and 39 kDa using Annexin I Rabbit polyclonal Antibody (Product # 71-3400) at 1:1000 in 5 % skim milk at 4°C overnight on a rocking platform. Goat Anti-Rabbit IgG - HRP Secondary Antibody (G21234) at 1:5000 dilution was used and chemiluminescent detection was performed using Pierce™ ECL Western Blotting Substrate (Product # 32106).



View more figures on thermofisher.com

Western Blot (20)

Cells	
The Therapeutic Effect of Phosphopeptide P140 Attenuates Inflammation Induced by Uric Acid Crystals in Gout Arthritis Mouse Model.	Year 2022
"71-3400 was used in Western Blotting to suggest that P140 exerts a significant beneficial effect in a neutrophilic inflammation observed in the model of gout that can be of special interest in the design of new therapeutic strategies."	Species Human
Authors: Galvão I,Mastrippolito D,Talamini L,Aganetti M,Rocha V,Verdot C,Mendes V,de Oliveira VLS,Braga AD,Martins VD,de Faria AMC,Amaral FA,Georgel P,Vieira AT,Muller S	
The Journal of veterinary medical science	Year 2022
Changes in the expression of annexin A1 in the anterior pituitary gland after ovariectomy in rats.	Species Rat
"71-3400 was used in Western Blotting to examine the distribution of annexin A1 in the pituitary tissues and the effect of ovariectomy."	Dilution 1:1000
Authors: Fungbun N,Sasaki H,Terashima R,Murata T,Chiba S,Kurusu S,Kawaminami M	

View more WB references on thermofisher.com

Immunohistochemistry (8)

Journal of clinical medicine	Year 2020
Clinical Significance of ARID1A and ANXA1 in HER-2 Positive Breast Cancer.	Species Human
"Published figure using Annexin A1 polyclonal antibody (Product # 71-3400) in Immunohistochemistry"	Dilution 1:1500
Authors: Silva-Oliveira R,Pereira FF,Petronilho S,Martins AT,Lameirinhas A,Constâncio V,Caldas-Ribeiro I,Salta S,Lopes P,Antunes L,Castro F,de Sousa SP,Henrique R,Jerónimo C	
Cells	Year 2020
Annexin A1/Formyl Peptide Receptor Pathway Controls Uterine Receptivity to the Blastocyst.	Species Human Mouse
"Published figure using Annexin A1 polyclonal antibody (Product # 71-3400) in Flow Cytometry"	Dilution 1:100
Authors: Hebeda CB,Sandri S,Benis CM,Paula-Silva M,Loiola RA,Reutelingsperger C,Perretti M,Farsky SHP	

View more IHC references on thermofisher.com

More applications with references on thermofisher.com

- IHC (P) (1)
- ICC/IF (8)
- Flow (4)
- ELISA (1)
- IP (1)
- Misc (1)

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.