

Annexin A1 Polyclonal Antibody

Product Details	
Size	500 µL
Species Reactivity	Human
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Synthetic peptide corresponding to N-terminus of human annexin 1
Form	Liquid
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2549737

Applications	Tested Dilution	Publications
Western Blot (WB)	1:1,000	-
Immunohistochemistry (Paraffin) (IHC (P))	1:25	-
Immunocytochemistry (ICC/IF)	5 µg	-

Product Specific Information

Heat-mediated antigen retrieval is recommended prior to staining, using a 10mM citrate buffer, pH 6.0, for 10 minutes followed by cooling at room temperature for 20 min. Following antigen retrieval, incubate samples with primary antibody for 30 min at room temperature. A suggested positive control is placenta tissue.

Product Images For Annexin A1 Polyclonal Antibody

Annexin A1 Antibody (PA5-32264) in ICC/IF

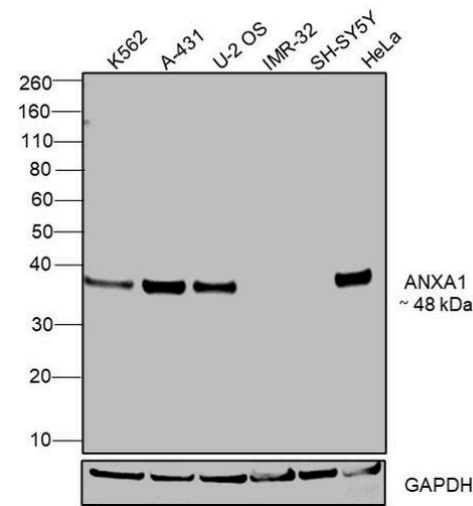
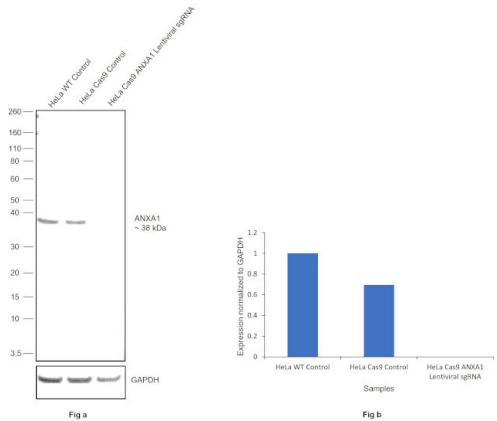
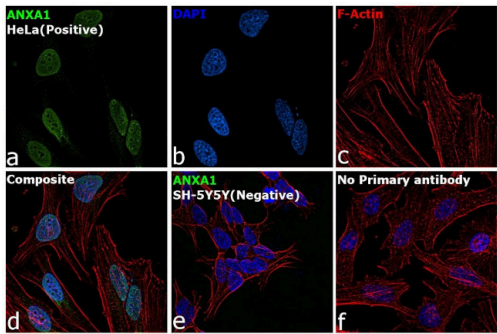
Immunofluorescence analysis of Annexin A1 was performed using 70% confluent log phase HeLa cells. The cells were fixed with 4% paraformaldehyde for 10 minutes, permeabilized with 0.1% Triton™ X-100 for 15 minutes, and blocked with 2% BSA for 45 minutes at room temperature. The cells were labeled with Annexin A1 Polyclonal Antibody (Product # PA1-37083) at 5 µg in 0.1% BSA, incubated at 4 degree celsius overnight and then labeled with Goat anti-Rabbit IgG (H+L) Superclonal™ Recombinant Secondary Antibody, Alexa Fluor® 488 conjugate (Product # A27034), (1:2000), for 45 minutes at room temperature (Panel a: Blue). Nuclei (Panel b: Green) were stained with SlowFade® Gold Antifade Mountant with DAPI (Product # S36938). F-actin (Panel c: Red) was stained with Rhodamine Phalloidin (Product # R415, 1:300). Panel d represents the merged image showing Nucleus localization. Panel e represents SH-SY5Y with no expression of ANXA1. Panel f represents control cells with no primary antibody to assess background. The images were captured at 60X magnification.

Annexin A1 Antibody (PA5-32264)

Antibody specificity was demonstrated by CRISPR-Cas9 mediated knockout of target protein. A loss of signal was observed for target protein in HeLa Cas9 cell line transduced with ANXA1 Lentiviral sgRNA compared to control cell line using Anti-Annexin A1 Polyclonal Antibody (Product # PA5-32264). {KO}

Annexin A1 Antibody (PA5-32264)

Antibody specificity was demonstrated by detection of differential basal expression of the target across cell lines tested owing to their inherent genetic constitution. Relative expression of Annexin A1 was observed in Higher expression of KRT-7 in K-562, A-431-,U-2-OS, HeLa, as compared to IMR-32 and SH-SY5Y using Anti-Annexin A1 Polyclonal Antibody (Product # PA1-37083) in Western Blot. {RE}



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