

For Research Use Only

# Annexin A4 Polyclonal antibody

Catalog Number: 10087-1-AP

7 Publications



## Basic Information

<b>Catalog Number:</b> 10087-1-AP	<b>GenBank Accession Number:</b> BC000182	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 500 µg/ml by Nanodrop and 267 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 307	<b>Recommended Dilutions:</b> WB 1:1000-1:8000
<b>Source:</b> Rabbit	<b>Full Name:</b> annexin A4	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 36 kDa	
<b>Immunogen Catalog Number:</b> AG0130	<b>Observed MW:</b> 36 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : HuH-7 cells, RAW 264.7 cells, C6
<b>Cited Applications:</b> IHC, WB	
<b>Species Specificity:</b> human, mouse, rat	
<b>Cited Species:</b> human, mouse	

## Background Information

Annexin A4 (Anxa4) is one of the Ca<sup>2+</sup>-regulated and phospholipid-binding annexin superfamily proteins, and is located at 2p13. Anxa4 has a potential role in diagnosis, prognosis, and treatment of certain cancers. Annexin A4 shares 45 to 59% identity with other members and possibly interacts with ATP. Annexin A4 has in vitro anticoagulant activity and also inhibits phospholipase A2 activity. The Annexin A4 protein is expressed in a wide range of tissues, associated with polarized epithelial cells and is proposed to be involved in the regulation of chloride ions across the epithelial membrane.

## Notable Publications

Author	Pubmed ID	Journal	Application
Kewu Jiang	30254199	Sci Rep	WB,IHC
Hussein Kaddour	31676584	Mol Cell Proteomics	WB
Qi Ying	25974208	PLoS One	WB

## Storage

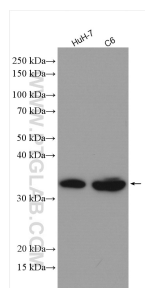
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
**Aliquoting is unnecessary for -20°C storage**

\*\*\* 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:  
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## Selected Validation Data



HuH-7 cells were subjected to SDS PAGE followed by western blot with 10087-1-AP (Annexin IV antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.