

For Research Use Only

# Annexin A4 Polyclonal antibody

Catalog Number: 29508-1-AP



## Basic Information

<b>Catalog Number:</b> 29508-1-AP	<b>GenBank Accession Number:</b> BC000182	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 650 µg/ml	<b>GeneID (NCBI):</b> 307	<b>Recommended Dilutions:</b> WB 1:2000-1:10000
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P09525	
<b>Isotype:</b> IgG	<b>Full Name:</b> annexin A4	
<b>Immunogen Catalog Number:</b> AG30827	<b>Calculated MW:</b> 36 kDa	
	<b>Observed MW:</b> 36 kDa	

## Applications

**Tested Applications:**  
WB, ELISA

**Species Specificity:**  
Human, rat, mouse

### Positive Controls:

**WB:** HeLa cells, HepG2 cells, mouse kidney tissue, mouse liver tissue, mouse lung tissue, rat kidney tissue, NIH/3T3 cells, RAW 264.7 cells, HuH-7 cells, PC-12 cells, C6 cells, human placenta tissue

## 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.

## Storage

**Storage:**  
Store at -20°C.

**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

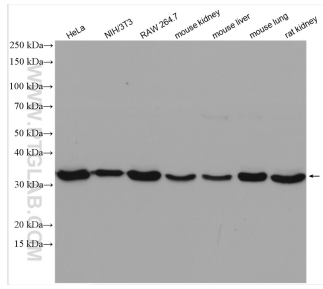
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

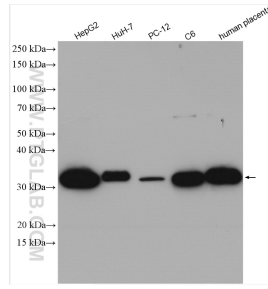
W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 29508-1-AP (Annexin A4 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Various lysates were subjected to SDS PAGE followed by western blot with 29508-1-AP (Annexin IV antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.