

For Research Use Only

Annexin A4 Polyclonal antibody

Catalog Number: 10087-1-AP **7 Publications**



Basic Information

Catalog Number: 10087-1-AP	GenBank Accession Number: BC000182	Purification Method: Antigen affinity purification
Size: 500 µg/ml	GeneID (NCBI): 307	Recommended Dilutions: WB 1:1000-1:8000
Source: Rabbit	UNIPROT ID: P09525	
Isotype: IgG	Full Name: annexin A4	
Immunogen Catalog Number: AG0130	Calculated MW: 36 kDa	
	Observed MW: 36 kDa	

Applications

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

Background Information

Annexin A4 (Anxa4) is one of the Ca²⁺-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

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

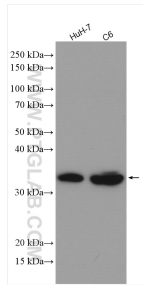
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E: Proteintech-CN@ptglab.com

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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.