

For Research Use Only

Annexin VI Polyclonal antibody

Catalog Number: 12542-1-AP **8 Publications**



Basic Information

Catalog Number: 12542-1-AP	GenBank Accession Number: BC017046	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 500 µg/ml by Nanodrop and 180 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 309	Recommended Dilutions: WB 1:500-1:2000 IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB
Source: Rabbit	Full Name: annexin A6	IHC 1:50-1:500 IF 1:50-1:500
Isotype: IgG	Calculated MW: 673 aa, 76 kDa	
Immunogen Catalog Number: AG3263	Observed MW: 67 kDa	

Applications

Tested Applications: IF, IHC, IP, WB, ELISA	Positive Controls:
Cited Applications: IF, IHC, IP, WB	WB : HeLa cells, human brain tissue, mouse brain tissue, mouse placenta tissue, mouse kidney tissue, A549 cells, Jurkat cells
Species Specificity: human, mouse, rat	IP : mouse kidney tissue,
Cited Species: human, mouse, rat	IHC : human colon tissue, human kidney tissue, human testis tissue
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	IF : HeLa cells,

Background Information

ANXA6, also called CBP68, or 67 kDa calelectrin, belongs to a family of calcium-dependent membrane and phospholipid binding proteins. Several members of the annexin family have been implicated in membrane-related events along exocytotic and endocytotic pathways. The annexin VI gene is approximately 60 kbp long and contains 26 exons. It encodes a protein of about 68 kDa that consists of eight 68-amino acid repeats separated by linking sequences of variable lengths. It is highly similar to human annexins I and II sequences, each of which contain four such repeats. Annexin VI has been implicated in mediating the endosome aggregation and vesicle fusion in secreting epithelia during exocytosis.

Notable Publications

Author	Pubmed ID	Journal	Application
Bing Wang	29158682	Onco Targets Ther	WB
Yin Cao	30901224	J Proteome Res	WB, IHC
Hao Zhang	35372351	Front Cell Dev Biol	WB

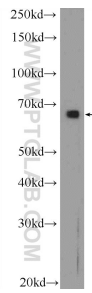
Storage

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

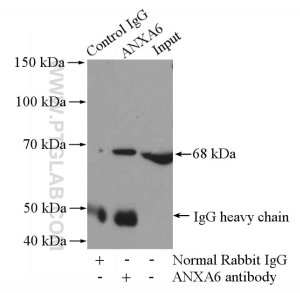
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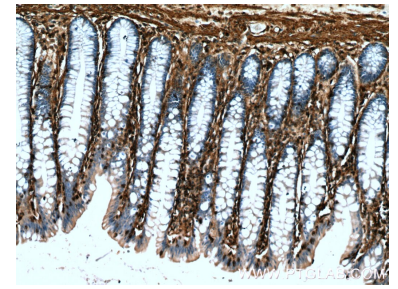
Selected Validation Data



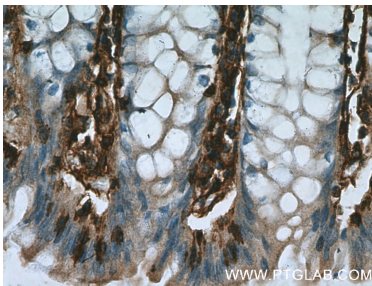
HeLa cells were subjected to SDS PAGE followed by western blot with 12542-1-AP (Annexin VI) antibody at dilution of 1:1000 incubated at room temperature for 1.5 hours.



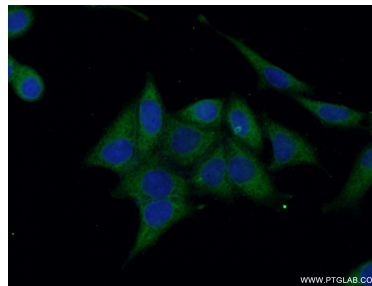
IP Result of anti-Annexin VI (IP:12542-1-AP, 4ug; Detection:12542-1-AP 1:500) with mouse kidney tissue lysate 4000ug.



Immunohistochemical analysis of paraffin-embedded human colon tissue slide using 12542-1-AP (Annexin VI) antibody at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human colon tissue slide using 12542-1-AP (Annexin VI) antibody at dilution of 1:200 (under 40x lens).



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using 12542-1-AP (Annexin VI) antibody at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).