

For Research Use Only

Annexin VI Polyclonal antibody, PBS Only

Catalog Number: 12542-1-PBS

Featured Product



Basic Information

Catalog Number:

12542-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG3263

GenBank Accession Number:

BC017046

GeneID (NCBI):

309

UNIPROT ID:

P08133

Full Name:

annexin A6

Calculated MW:

673 aa, 76 kDa

Observed MW:

67-72 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, IHC, IF/ICC, IP, Indirect ELISA

Species Specificity:

human, mouse, rat

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.

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS only, pH7.3

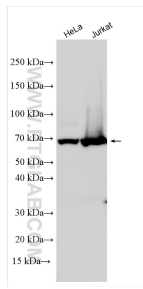
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

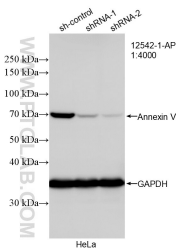
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

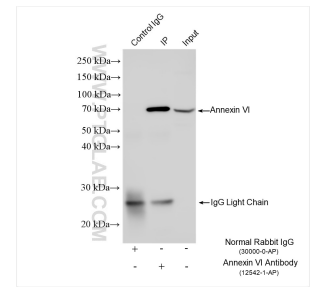
Selected Validation Data



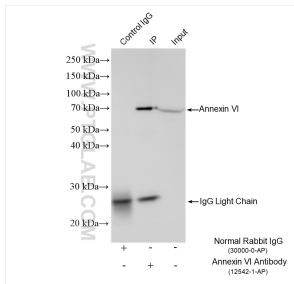
Various lysates were subjected to SDS PAGE followed by western blot with 12542-1-AP (Annexin VI antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 12542-1-PBS in a different storage buffer formulation.



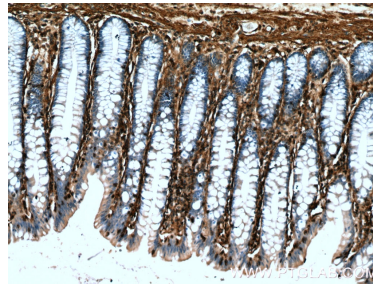
WB result of Annexin VI antibody (12542-1-AP; 1:4000; incubated at room temperature for 1.5 hours) with sh-Control and sh-Annexin VI transfected HeLa cells. This data was developed using the same antibody clone with 12542-1-PBS in a different storage buffer formulation.



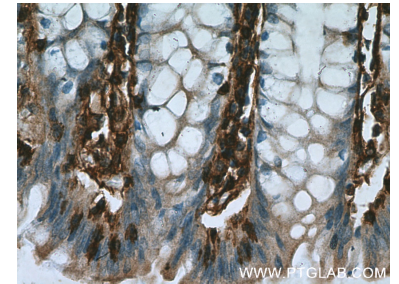
IP result of anti-Annexin VI (IP:12542-1-AP, 4ug; Detection:12542-1-AP 1:2000) with HeLa cells lysate 1200 ug. This data was developed using the same antibody clone with 12542-1-PBS in a different storage buffer formulation.



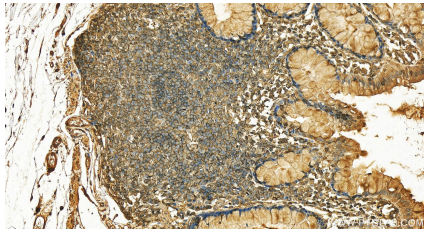
IP result of anti-Annexin VI (IP:12542-1-AP, 4ug; Detection:12542-1-AP 1:2000) with mouse kidney tissue lysate 3400 ug. This data was developed using the same antibody clone with 12542-1-PBS in a different storage buffer formulation.



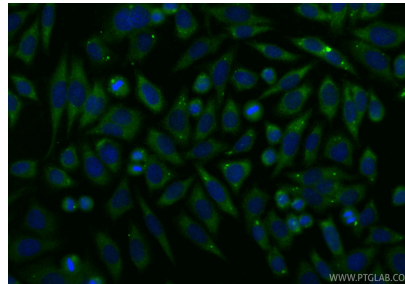
Immunohistochemical analysis of paraffin-embedded human colon tissue slide using 12542-1-AP (Annexin VI antibody at dilution of 1:200 (under 10x lens). This data was developed using the same antibody clone with 12542-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human colon tissue slide using 12542-1-AP (Annexin VI antibody at dilution of 1:200 (under 40x lens). This data was developed using the same antibody clone with 12542-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human normal colon slide using 12542-1-AP (Annexin VI antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 12542-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using Annexin VI antibody (12542-1-AP) at dilution of 1:200 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). This data was developed using the same antibody clone with 12542-1-PBS in a different storage buffer formulation.