

For Research Use Only

# Annexin VI Polyclonal antibody, PBS Only

Catalog Number: 12542-1-PBS

Featured Product



## Basic Information

Catalog Number:

12542-1-PBS

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.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

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

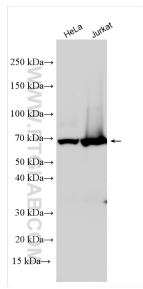
T: 4006900926

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

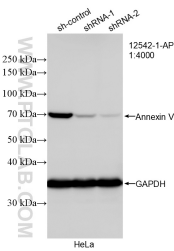
W: [ptgcn.com](http://ptgcn.com)

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

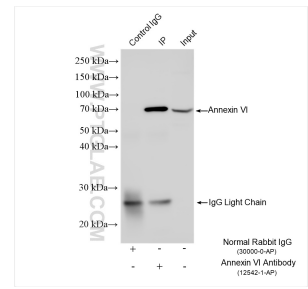
## Selected Validation Data



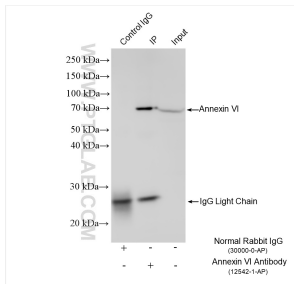
Various lysates were subjected to SDS PAGE followed by western blot with 12542-1-AP (Annexin VI antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 12542-1-PBS in a different storage buffer formulation.



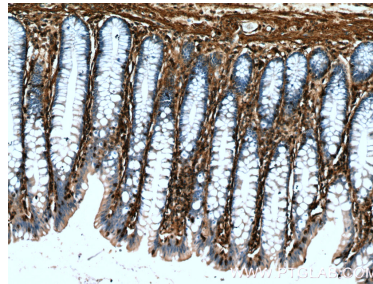
WB result of Annexin VI antibody (12542-1-AP; 1:4000; incubated at room temperature for 1.5 hours) with sh-Control and sh-Annexin VI transfected HeLa cells. This data was developed using the same antibody clone with 12542-1-PBS in a different storage buffer formulation.



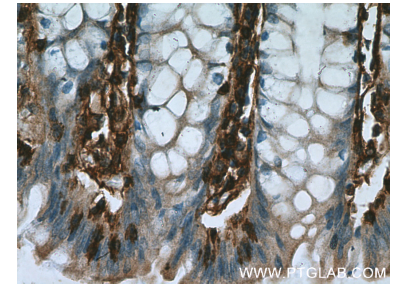
IP result of anti-Annexin VI (IP:12542-1-AP, 4ug; Detection:12542-1-AP 1:2000) with HeLa cells lysate 1200 ug. This data was developed using the same antibody clone with 12542-1-PBS in a different storage buffer formulation.



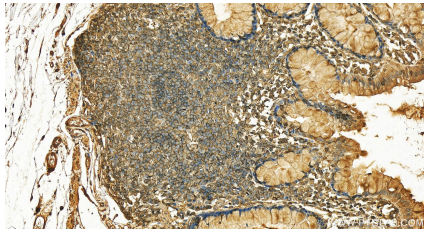
IP result of anti-Annexin VI (IP:12542-1-AP, 4ug; Detection:12542-1-AP 1:2000) with mouse kidney tissue lysate 3400 ug. This data was developed using the same antibody clone with 12542-1-PBS in a different storage buffer formulation.



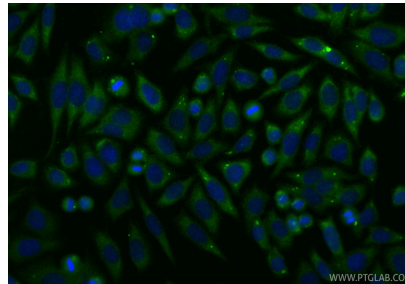
Immunohistochemical analysis of paraffin-embedded human colon tissue slide using 12542-1-AP (Annexin VI antibody at dilution of 1:200 (under 10x lens). This data was developed using the same antibody clone with 12542-1-PBS in a different storage buffer formulation.



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.