Annexin V Polyclonal antibody
Catalog Number: 11060-1-AP

Basic Information
Catalog Number: 11060-1-AP
Size: 150μl, Concentration: 500 μg/ml by Nanodrop;
Source: Rabbit
Isotype: IgG
Immunogen Catalog Number: AG1538

GenBank Accession Number: BCO18571
GeneID (NCBI): 308
Full Name: annexin A5
Calculated MW: 36 kDa
Observed MW: 36 kDa

Purification Method: Antigen affinity purification
Recommended Dilutions:
- WB: 1:2000-1:16000
- IP: 0.5-4.0 μg for IP and 1:500-1:1000 for WB
- IHC: 1:20-1:200
- IF: 1:10-1:100

Applications
Tested Applications: FC, IF, IHC, IP, WB, ELISA
Cited Applications: IF, IHC, WB
Species Specificity: human, mouse, pig, rat
Cited Species: human, rat, mouse

Note: IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:
- WB: HeLa cells, human lung tissue, human heart tissue, human placenta tissue, human skeletal muscle tissue, pig heart tissue, pig liver tissue, HEK-293 cells, A431 cells, HepG2 cells, NIH/3T3 cells, K-562 cells, NIH3T3 cells, C2C12 cells, C6 cells
- IP: HeLa cells, mouse liver tissue
- IHC: human spleen tissue, human placenta tissue
- IF: HeLa cells,

Background Information
Annexin A5 (ANXA5), is a member of the structurally related family of annexin proteins some of which have been implicated in membrane-related events along exocytotic and endocytotic pathways. Annexin 5 is a phospholipase A2 and protein kinase C inhibitory protein with calcium channel activity and a potential role in cellular signal transduction, inflammation, growth and differentiation. Annexin 5 has also been described as placental anticoagulant protein I, vascular anticoagulant-alpha, endonexin II, lipocortin V, placental protein 4 and anchorin CII.

Notable Publications
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<th>Author</th>
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<tr>
<td>Guangcong Peng</td>
<td>34562473</td>
<td>Brain Res</td>
<td>IF</td>
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<tr>
<td>Foinetti A Alvarez</td>
<td>36114323</td>
<td>Breast Cancer Res Treat</td>
<td>WB</td>
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<tr>
<td>Mansheng Li</td>
<td>34901026</td>
<td>Front Cell Dev Biol</td>
<td>IHC</td>
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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

*** 20ul sizes contain 0.1% BSA

For Research Use Only

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: proteintechn@ptglab.com
W: ptglab.com

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Various lysates were subjected to SDS PAGE followed by western blot with 11060-1-AP (Annexin V antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.


Immunohistochemical analysis of paraffin-embedded human spleen tissue slide using 11060-1-AP (Annexin V antibody at dilution of 1:400 (under 10x lens).

Immunohistochemical analysis of paraffin-embedded human spleen tissue slide using 11060-1-AP (Annexin V antibody at dilution of 1:400 (under 40x lens).

Immunofluorescent analysis of HeLa cells using 11060-1-AP (Annexin V antibody) at dilution of 1:25 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).

1X10^6 HeLa cells were stained with 0.2ug Annexin V antibody (11060-1-AP, red) and control antibody (blue). Fixed with 90% MeOH blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1000.