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

Basic Information
Catalog Number: 11060-1-AP
Size: 48 μg/150 μl
Source: Rabbit
Isotype: IgG
Purification Method: Antigen affinity purification
Immunogen Catalog Number: AG1538

GenBank Accession Number: BC018671
GeneID (NCBI): 308
Calculated MW: 36 kDa
Observed MW: 36 kDa

Recommended Dilutions:
WB: 1:500-1:1000
IP: 0.5-4.0 μg for IP and 1:1000-1:1000 for WB
IHC: 1:200-1:200
IF: 1:15-1:100

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

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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<tr>
<th>Author</th>
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<tr>
<td>Cristobo Iván I</td>
<td>22626270</td>
<td>J Vasc Interv Radiol</td>
<td>IHC</td>
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<tr>
<td>Cui Yazhou Y</td>
<td>19488907</td>
<td>Cancer Invest</td>
<td>IHC</td>
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Storage
Store at -20°C. Stable for one year after shipment.
Storage Buffer: PBS with 0.1% 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: T: 1 (888) 4PROTEINLAB (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

HeLa cells were subjected to SDS-PAGE followed by western blot with 11060-1-AP (Annexin V antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.

**IP Result of anti-Annexin V (IP: 11060-1-AP, 3ug; Detection: 11060-1-AP 1:500) with HeLa cells lysate 3000ug.**

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