

## ARG55785 anti-Annexin A5 antibody

Package: 50 µl  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes Annexin A5
Tested Reactivity	Hu, Ms
Tested Application	ICC/IF, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	Annexin A5
Species	Human
Immunogen	Recombinant protein of Human Annexin V (NP_001145.1)
Conjugation	Un-conjugated
Alternate Names	Placental anticoagulant protein 4; PAP-I; Thromboplastin inhibitor; Annexin V; ENX2; Lipocortin V; Anchorin CII; ANX5; Annexin-5; Annexin A5; VAC-alpha; CBP-I; PP4; HEL-S-7; Vascular anticoagulant-alpha; Endonexin II; Placental anticoagulant protein I; RPRGL3; Calphobindin I

### Application Instructions

Predict Reactivity Note	Rat						
Application table	<table><thead><tr><th>Application</th><th>Dilution</th></tr></thead><tbody><tr><td>ICC/IF</td><td>1:50 - 1:200</td></tr><tr><td>WB</td><td>1:500 - 1:2000</td></tr></tbody></table>	Application	Dilution	ICC/IF	1:50 - 1:200	WB	1:500 - 1:2000
Application	Dilution						
ICC/IF	1:50 - 1:200						
WB	1:500 - 1:2000						
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.						
Positive Control	PC-3						
Observed Size	35 kDa						

### Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

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Database links [GeneID: 11747 Mouse](#)  
[GeneID: 308 Human](#)  
[Swiss-port # P08758 Human](#)  
[Swiss-port # P48036 Mouse](#)

Gene Symbol ANXA5

Gene Full Name annexin A5

Background The protein encoded by this gene belongs to the annexin family of calcium-dependent phospholipid binding 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. The gene spans 29 kb containing 13 exons, and encodes a single transcript of approximately 1.6 kb and a protein product with a molecular weight of about 35 kDa. [provided by RefSeq, Jul 2008]

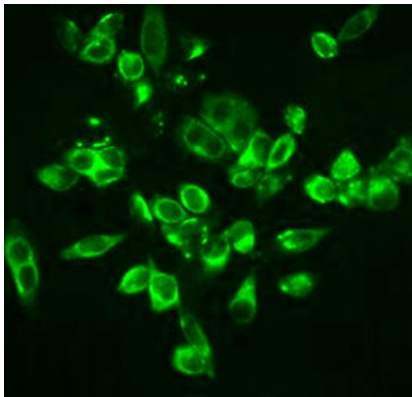
Function This protein is an anticoagulant protein that acts as an indirect inhibitor of the thromboplastin-specific complex, which is involved in the blood coagulation cascade. [UniProt]

Calculated Mw 36 kDa

PTM S-nitrosylation is induced by interferon-gamma and oxidatively-modified low-density lipoprotein (LDL(ox)) possibly implicating the iNOS-S100A8/9 transnitrosylase complex.

## Images

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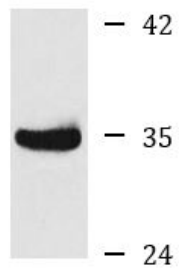


ARG55785 anti-Annexin A5 antibody ICC/IF image

Immunofluorescence: HeLa cells stained with ARG55785 anti-Annexin A5 antibody at 1:100 dilution.

ARG55785 anti-Annexin A5 antibody WB image

Western blot: PC-3 cell lysate stained with ARG55785 anti-Annexin A5 antibody.



PC-3