

## ARG65702 anti-Annexin A1 antibody

Package: 100 µl  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes Annexin A1
Tested Reactivity	Hu, Ms, Rat
Tested Application	ICC/IF, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	Annexin A1
Species	Human
Immunogen	Recombinant protein of Human Annexin A1 (NP_000691.1)
Conjugation	Un-conjugated
Alternate Names	ANX1; Calpactin II; Phospholipase A2 inhibitory protein; Chromobindin-9; LPC1; Annexin-1; Annexin A1; Lipocortin I; Annexin I; p35; Calpactin-2

### 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>IHC-P</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	IHC-P	1:50 - 1:200	WB	1:500 - 1:2000
Application	Dilution								
ICC/IF	1:50 - 1:200								
IHC-P	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	HeLa								

### 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.

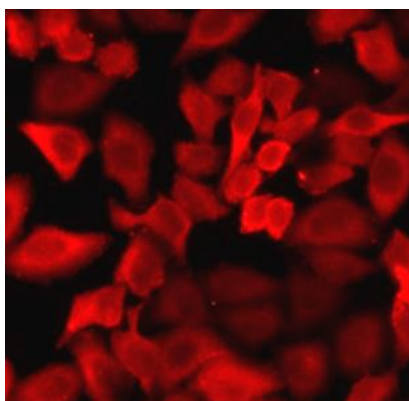
Note

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

### Bioinformation

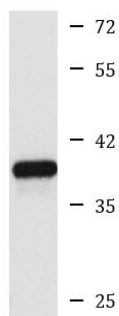
Gene Symbol	ANXA1
Gene Full Name	annexin A1
Background	This gene encodes a membrane-localized protein that binds phospholipids. This protein inhibits phospholipase A2 and has anti-inflammatory activity. Loss of function or expression of this gene has been detected in multiple tumors. [provided by RefSeq, Dec 2014]
Function	Calcium/phospholipid-binding protein which promotes membrane fusion and is involved in exocytosis. This protein regulates phospholipase A2 activity. It seems to bind from two to four calcium ions with high affinity. [UniProt]
Research Area	Signaling Transduction antibody
Calculated Mw	39 kDa
PTM	Phosphorylated by protein kinase C, EGFR and TRPM7 (PubMed:2457390, PubMed:15485879). Phosphorylated in response to EGF treatment (PubMed:2532504). Sumoylated.

### Images



ARG65702 anti-Annexin A1 antibody ICC/IF image

Immunofluorescence: HeLa cells stained with ARG65702 anti-Annexin A1 antibody.



HeLa

ARG65702 anti-Annexin A1 antibody WB image

Western blot: HeLa cell lysate stained with ARG65702 anti-Annexin A1 antibody.