

## ARG58211 anti-Annexin A4 antibody

Package: 50 µg  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes Annexin A4
Tested Reactivity	Hu, Ms, Rat
Tested Application	IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	Annexin A4
Species	Human
Immunogen	Synthetic peptide corresponding to a sequence in the middle region of Human Annexin IV (119-152aa EEIRRISQTYQQYGRSLEDDIRSDTSFMFQRVL), different from the related Mouse and Rat sequences by three amino acids.
Conjugation	Un-conjugated
Alternate Names	PAP-II; 35-beta calcimedin; Protein II; Annexin IV; ANX4; PP4-X; P32.5; Annexin A4; Annexin-4; Carbohydrate-binding protein p33/p41; Lipocortin IV; HEL-S-274; Endonexin I; Placental anticoagulant protein II; PIG28; Chromobindin-4; ZAP36

### Application Instructions

Application table	Application	Dilution
	IHC-P	1:200 - 1:1000
	WB	0.1 - 0.5 µg/ml

**Application Note** IHC-P: Antigen Retrieval: Heat mediation was performed in Citrate buffer (pH 6.0) for 20 min.  
\* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

### Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	0.9% NaCl, 0.2% Na <sub>2</sub> HPO <sub>4</sub> , 0.05% Sodium azide and 5% BSA.
Preservative	0.05% Sodium azide
Stabilizer	5% BSA
Concentration	0.5 mg/ml
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 or below. 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.

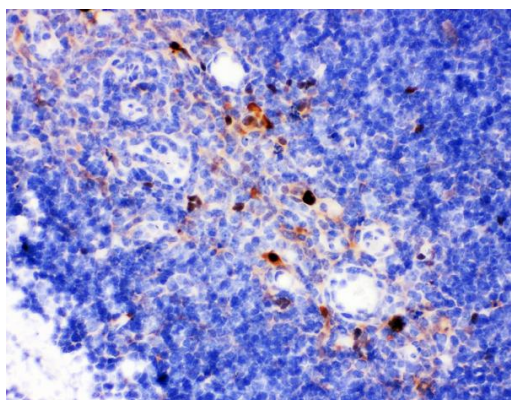
#### Note

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

## Bioinformation

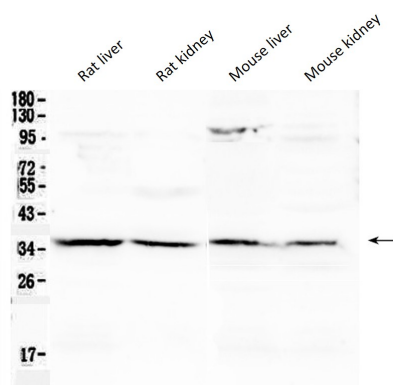
Gene Symbol	ANXA4
Gene Full Name	annexin A4
Background	Annexin IV (ANX4) belongs to the annexin family of calcium-dependent phospholipid binding proteins. Although their functions are still not clearly defined, several members of the annexin family have been implicated in membrane-related events along exocytotic and endocytotic pathways. ANX4 has 45 to 59% identity with other members of its family and shares a similar size and exon-intron organization. Isolated from human placenta, ANX4 encodes a protein that has possible interactions with ATP, and has in vitro anticoagulant activity and also inhibits phospholipase A2 activity. ANX4 is almost exclusively expressed in epithelial cells. [provided by RefSeq, Jul 2008]
Function	Calcium/phospholipid-binding protein which promotes membrane fusion and is involved in exocytosis. [UniProt]
Calculated Mw	36 kDa

## Images



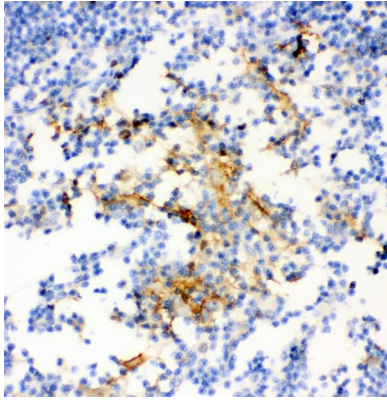
ARG58211 anti-Annexin A4 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Mouse thymus tissue. Antigen Retrieval: Heat mediation was performed in Citrate buffer (pH 6.0) for 20 min. The tissue section was blocked with 10% goat serum. The tissue section was then stained with ARG58211 anti-Annexin A4 antibody at 1 µg/ml dilution, overnight at 4°C.



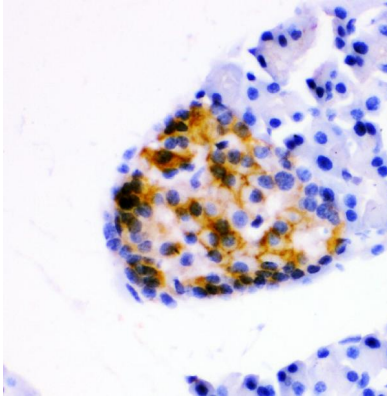
ARG58211 anti-Annexin A4 antibody WB image

Western blot: 50 µg of Rat liver, Rat kidney, Mouse liver and Mouse kidney lysates stained with ARG58211 anti-Annexin A4 antibody at 0.5 µg/ml, overnight at 4°C, under reducing conditions.



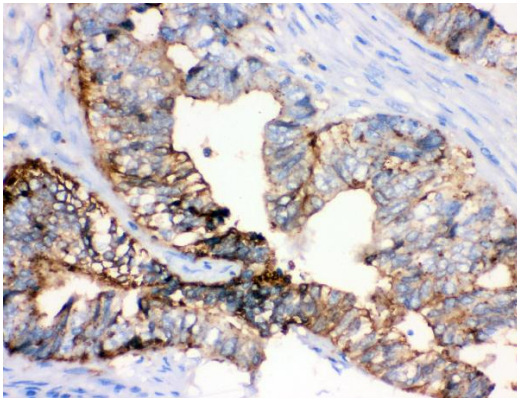
ARG58211 anti-Annexin A4 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Rat thymus tissue. Antigen Retrieval: Heat mediation was performed in Citrate buffer (pH 6.0) for 20 min. The tissue section was blocked with 10% goat serum. The tissue section was then stained with ARG58211 anti-Annexin A4 antibody at 1 µg/ml dilution, overnight at 4°C.



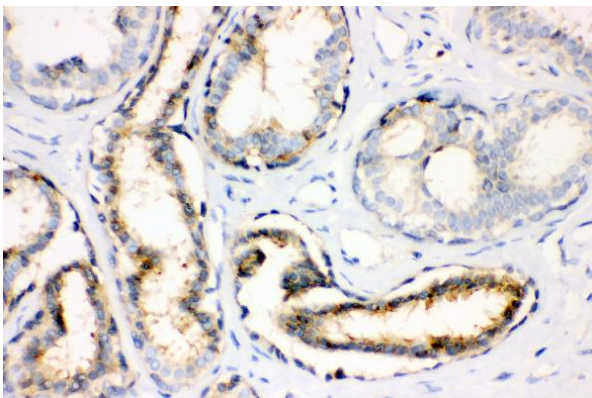
ARG58211 anti-Annexin A4 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Rat pancreas tissue. Antigen Retrieval: Heat mediation was performed in Citrate buffer (pH 6.0) for 20 min. The tissue section was blocked with 10% goat serum. The tissue section was then stained with ARG58211 anti-Annexin A4 antibody at 1 µg/ml dilution, overnight at 4°C.



ARG58211 anti-Annexin A4 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human intestinal cancer tissue. Antigen Retrieval: Heat mediation was performed in Citrate buffer (pH 6.0) for 20 min. The tissue section was blocked with 10% goat serum. The tissue section was then stained with ARG58211 anti-Annexin A4 antibody at 1 µg/ml dilution, overnight at 4°C.



ARG58211 anti-Annexin A4 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human mammary cancer tissue. Antigen Retrieval: Heat mediation was performed in Citrate buffer (pH 6.0) for 20 min. The tissue section was blocked with 10% goat serum. The tissue section was then stained with ARG58211 anti-Annexin A4 antibody at 1 µg/ml dilution, overnight at 4°C.