

ARG58213 anti-Annexin A4 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes Annexin A4
Tested Reactivity	Hu, Rat
Predict Reactivity	Hm
Tested Application	IHC-P
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	Annexin A4
Species	Human
Immunogen	Synthetic peptide corresponding to a sequence at the N-terminus of Human Annexin IV(7-21aa TVKAASGFNAMEAQ), different from the related Mouse and Rat sequences by one amino acid.
Conjugation	Un-conjugated
Alternate Names	PAP-II; 35-beta calcimedlin; 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	0.5 - 1 µg/ml
Application Note	IHC-P: Antigen Retrieval: By heat mediation. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

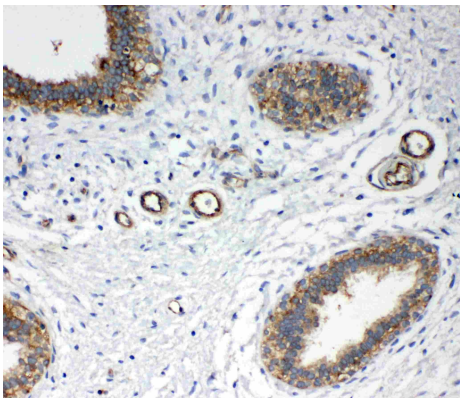
Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	0.9% NaCl, 0.2% Na ₂ HPO ₄ , 0.05% Thimerosal, 0.05% Sodium azide and 5% BSA.
Preservative	0.05% Thimerosal and 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.

Bioinformation

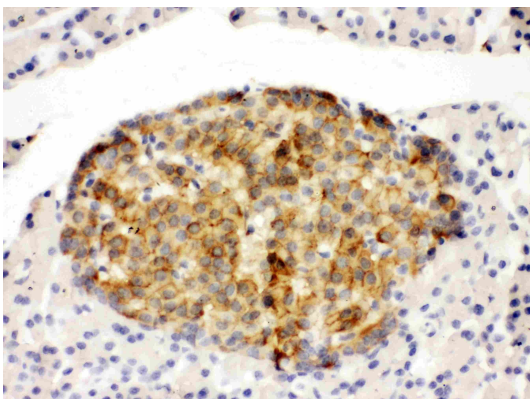
Gene Symbol	ANXA4
Gene Full Name	annexin A4
Background	Annexin IV (ANX4) belongs to the annexin family of calcium-dependent phospholipid binding proteins. Although their functions are still not clearly defined, several members of the annexin family have been implicated in membrane-related events along 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



ARG58213 anti-Annexin A4 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human mammary cancer stained with ARG58213 anti-Annexin A4 antibody.



ARG58213 anti-Annexin A4 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Rat pancreas stained with ARG58213 anti-Annexin A4 antibody.