

Anti-Annexin A3 Picoband Antibody

Catalog # ABO12110

Product Information

Application	WB, IHC-P, IHC-F, ICC
Primary Accession	P12429
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Format	Lyophilized
Description	Rabbit IgG polyclonal antibody for Annexin A3(ANXA3) detection. Tested with WB, IHC-P, IHC-F, ICC in Human;Mouse;Rat.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

Additional Information

Gene ID	306
Other Names	Annexin A3, 35-alpha calcimedlin, Annexin III, Annexin-3, Inositol 1, 2-cyclic phosphate 2-phosphohydrolase, Lipocortin III, Placental anticoagulant protein III, PAP-III, ANXA3, ANX3
Calculated MW	36375
Application Details	Immunohistochemistry(Frozen Section), 0.5-1 μ g/ml Immunohistochemistry(Paraffin-embedded Section), 0.5-1 μ g/ml, By Heat Western blot, 0.1-0.5 μ g/ml Immunocytochemistry , 0.5-1 μ g/ml
Source	Eukaryota
Protein Name	Annexin A3
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg NaN ₃ .
Immunogen	A synthetic peptide corresponding to a sequence in the middle region of human Annexin A3 (153-184aa RKALLTLADGRRDESLKVDEHLAKQDAQILYK), different from the related mouse sequence by one amino acid, and from the related rat sequence by three amino acids.
Purification	Immunogen affinity purified.
Cross Reactivity	No cross reactivity with other proteins
Storage	At -20° C for one year. After r° Constitution, at 4° C for one month. It° Can also be aliquotted and stored frozen at -20° C for a longer time.Avoid repeated

Sequence Similarities

freezing and thawing.
Belongs to the annexin family.

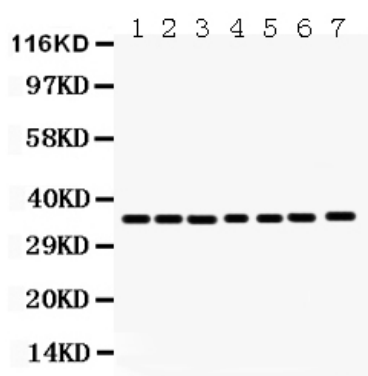
Protein Information

Name	ANXA3
Synonyms	ANX3
Function	Inhibitor of phospholipase A2, also possesses anti-coagulant properties. Also cleaves the cyclic bond of inositol 1,2-cyclic phosphate to form inositol 1-phosphate.

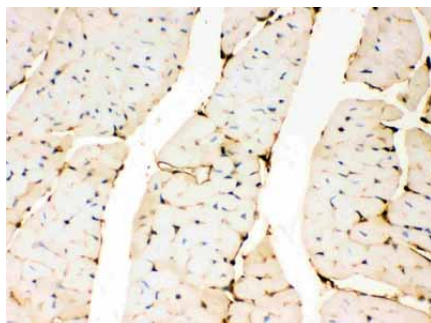
Background

Annexin A3 is a protein that in humans is encoded by the Annexin A3 gene. The Annexin A3 gene contains 13 exons and spans 58 kb of genomic DNA. The Annexin A3 gene is mapped to 4q21. It is abnormally expressed in fetuses of both IVF and ICSI, which may contribute to the increase risk of birth defects in these ART. This gene encodes a member of the annexin family. Members of this calcium-dependent phospholipid-binding protein family play a role in the regulation of cellular growth and in signal transduction pathways. This protein functions in the inhibition of phospholipase A2 and cleavage of inositol 1,2-cyclic phosphate to form inositol 1-phosphate. This protein may also play a role in anti-coagulation.

Images

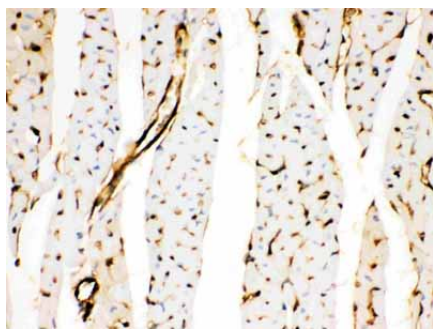


Anti- Annexin A3 Picoband antibody, ABO12110, Western blotting
All lanes: Anti Annexin A3 (ABO12110) at 0.5ug/ml
Lane 1: Rat Spleen Tissue Lysate at 50ug
Lane 2: Rat Stomach Tissue Lysate at 50ug
Lane 3: HELA Whole Cell Lysate at 40ug
Lane 4: 22RV1 Whole Cell Lysate at 40ug
Lane 5: A549 Whole Cell Lysate at 40ug
Lane 6: MCF-7 Whole Cell Lysate at 40ug
Lane 7: SW620 Whole Cell Lysate at 40ug
Predicted bind size: 36KD
Observed bind size: 36KD

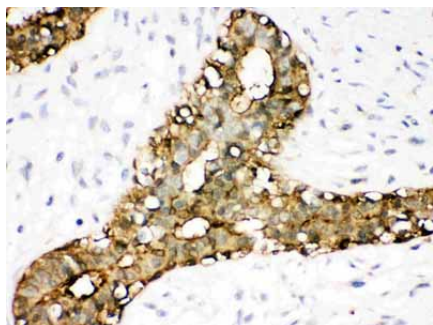


Anti- Annexin A3 Picoband antibody, ABO12110,
IHC(P)IHC(P): Mouse Cardiac Muscle Tissue

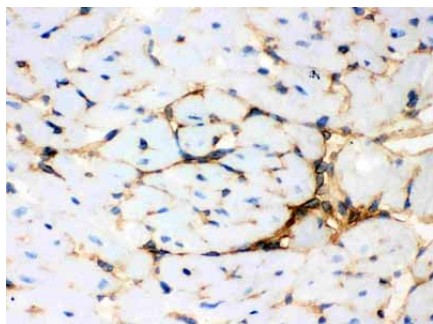
Anti- Annexin A3 Picoband antibody, ABO12110,
IHC(P)IHC(P): Rat Cardiac Muscle Tissue



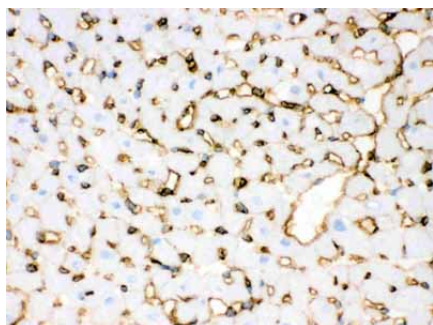
Anti- Annexin A3 Picoband antibody, ABO12110,
IHC(P)IHC(P): Human Mammary Cancer Tissue



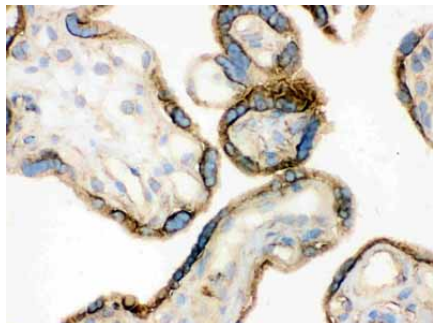
Anti- Annexin A3 Picoband antibody, ABO12110,
IHC(F)IHC(F): Mouse Cardiac Muscle Tissue



Anti- Annexin A3 Picoband antibody, ABO12110,
IHC(F)IHC(F): Rat Cardiac Muscle Tissue



Anti- Annexin A3 Picoband antibody, ABO12110,
IHC(F)IHC(F): Human Placenta Tissue



Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.