

Annexin A3 Polyclonal Antibody | anti-ANXA3 antibody

Anti-Annexin A3 Antibody

CATALOG # AAA11641	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot, Immunohistochemistry
------------------------------	--	---

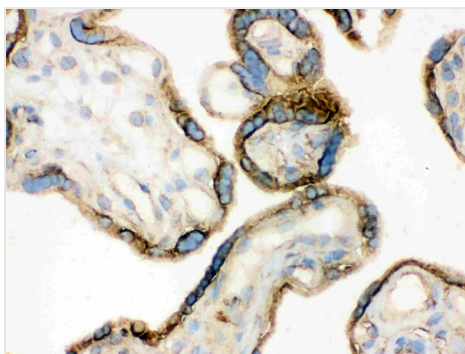
PRODUCT SYNONYMS

Annexin A3; Polyclonal Antibody; Anti-Annexin A3 Antibody; 2-cyclic phosphate 2-phosphohydrolase; 35-alpha calcimedin; Annexin III; Annexin-3; ANX3; ANXA 3; Anxa3; ANXA3_HUMAN; Inositol 1 2 cyclic phosphate 2 phosphohydrolase; Inositol 1; Lipocortin III; OTTHUMP00000160701; OTTHUMP00000219237; OTTHUMP00000219238; PAP III; PAP-III; Placental anticoagulant protein III; annexin A3; anti-ANXA3 antibody

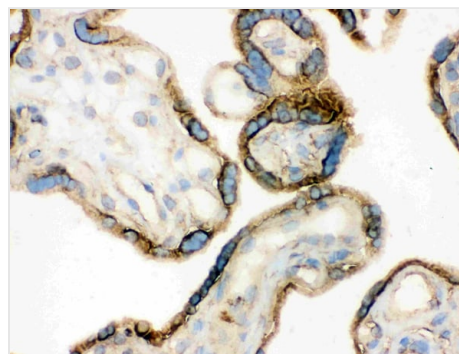
PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Immunogen Affinity Purified
Form/Format	Lyophilized. Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
Sequence Length	323
Applicable Applications for anti-ANXA3 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Application Notes	Western Blot Concentration: 0.1-0.5ug/ml Immunohistochemistry (IHC) Paraffin Concentration: 0.5-1ug/ml Immunohistochemistry (IHC) Formalin Concentration: 0.5-1ug/ml
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.
Ig Type	Rabbit IgG
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquoted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

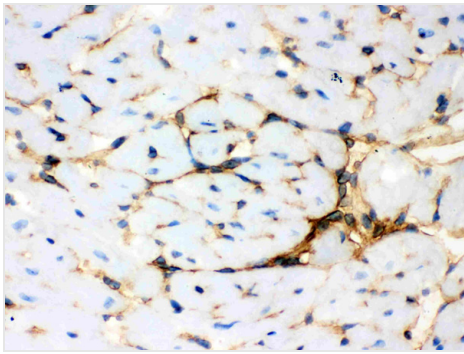
IMAGES


IHC (Immunohistochemistry)

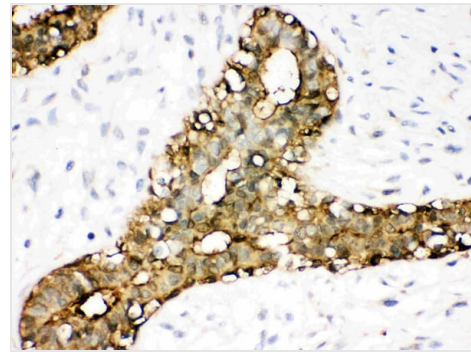
Anti-Annexin A3 Picoband antibody, AAA11641, IHC(F)IHC(F): Human Placenta Tissue


IHC (Immunohistochemistry)

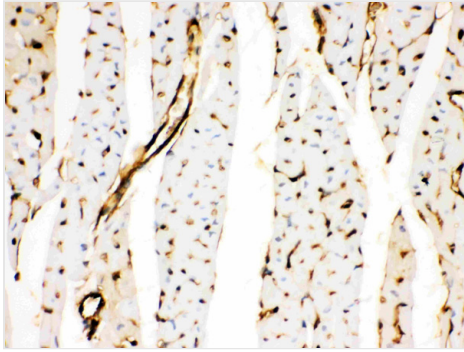
Anti-Annexin A3 Picoband antibody, AAA11641, IHC(F)IHC(F): Rat Cardiac Muscle Tissue



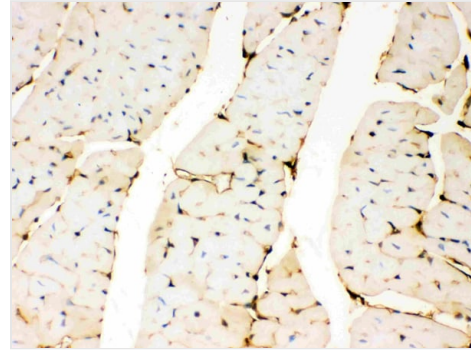
IHC (Immunohistochemistry)
Anti- Annexin A3 Picoband antibody, AAA11641, IHC(F)IHC(F): Mouse Cardiac Muscle Tissue



IHC (Immunohistochemistry)
Anti- Annexin A3 Picoband antibody, AAA11641, IHC(P)IHC(P): Human Mammary Cancer Tissue



IHC (Immunohistochemistry)
Anti- Annexin A3 Picoband antibody, AAA11641, IHC(P)IHC(P): Rat Cardiac Muscle Tissue



IHC (Immunohistochemistry)
Anti- Annexin A3 Picoband antibody, AAA11641, IHC(P)IHC(P): Mouse Cardiac Muscle Tissue

ADDITIONAL INFORMATION

Related Product Information for anti-ANXA3 antibody	Description: Rabbit IgG polyclonal antibody for Annexin A3(ANXA3) detection. Tested with WB, IHC-P, IHC-F in Human;Mouse;Rat. 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.
References	1. Bianchi C, et al. Primary cell cultures from human renal cortex and renal-cell carcinoma evidence a differential expression of two spliced isoforms of Annexin A3. Am J Pathol, 2010 Apr. 2. Jung EJ, et al. Decreased annexin A3 expression correlates with tumor progression in papillary thyroid cancer. Proteomics Clin Appl, 2010 May. 3. Yan X, et al. Increased expression of annexin A3 is a mechanism of platinum resistance in ovarian cancer. Cancer Res, 2010 Feb 15.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4826643
NCBI GeneID	306
NCBI Accession #	NP_005130.1
NCBI GenBank Nucleotide #	NM_005139.2
UniProt Accession #	P12429; Q6LET2; B2R9W6
Molecular Weight	36,375 Da

NCBI Official Full Name	annexin A3
NCBI Official Synonym Full Names	annexin A3
NCBI Official Symbol	ANXA3
NCBI Official Synonym Symbols	ANX3
NCBI Protein Information	annexin A3
UniProt Protein Name	Annexin A3
UniProt Gene Name	ANXA3
UniProt Synonym Gene Names	ANX3; PAP-III
UniProt Entry Name	ANXA3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/annexin-a3-antibody-western-blot-immunohistochemistry-elisa/11641>