

Anti-Annexin A3 Antibody

Catalog # ABO10828

Product Information

Application	WB, IHC-P
Primary Accession	P14669
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 in Human;Mouse;Rat.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

Additional Information

Gene ID	25291
Other Names	Annexin A3, 35-alpha calcimedlin, Annexin III, Annexin-3, Lipocortin III, Placental anticoagulant protein III, PAP-III, Anxa3, Anx3
Calculated MW	36363
Application Details	Immunohistochemistry(Paraffin-embedded Section), 0.5-1 µg/ml, Human, Mouse, Rat, By Heat Western blot, 0.1-0.5 µg/ml, Human, Rat, Mouse
Source	Eukaryota
Protein Name	Annexin A3
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3.
Immunogen	A synthetic peptide corresponding to a sequence in the middle region of rat Annexin A3(124-141aa RQMKEISQAYYTAYKKNL), different from the related human and mouse sequences by two amino acids.
Purification	Immunogen affinity purified.
Cross Reactivity	No cross reactivity with other proteins
Storage	At -20° C for one year. After reconstitution, at 4° C for one month. It can also be aliquotted and stored frozen at -20° C for a longer time.Avoid repeated freezing and thawing.
Sequence Similarities	Belongs to the annexin family.

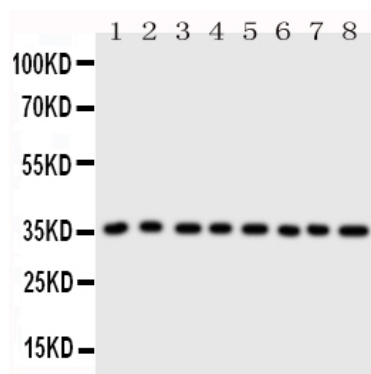
Protein Information

Name	Anxa3
Synonyms	Anx3
Function	Inhibitor of phospholipase A2, also possesses anti-coagulant properties.

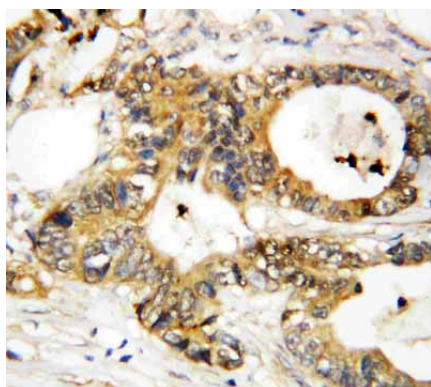
Background

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 antibody, ABO10828, Western blotting
All lanes: Anti Annexin A3 (ABO10828) at 0.5ug/ml
Lane 1: Rat Brain Tissue Lysate at 50ug
Lane 2: Rat Testis Tissue Lysate at 50ug
Lane 3: Rat Skeletal Muscle Tissue Lysate at 50ug
Lane 4: Rat Lung Tissue Lysate at 50ug
Lane 5: SW620 Whole Cell Lysate at 40ug
Lane 6: HELA Whole Cell Lysate at 40ug
Lane 7: SMMC Whole Cell Lysate at 40ug
Lane 8: MCF-7 Whole Cell Lysate at 40ug
Predicted bind size: 36KD
Observed bind size: 36KD



Anti-Annexin A3 antibody, ABO10828, IHC(P)
Human Mammary Cancer Tissue

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