

Anti-Annexin V Picoband Antibody

Catalog # ABO11765

Product Information

Application	WB, IHC-P, IHC-F
Primary Accession	P08758
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Format	Lyophilized
Description	Rabbit IgG polyclonal antibody for Annexin A5(ANXA5) detection. Tested with WB, IHC-P, IHC-F in Human;Mouse;Rat.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

Additional Information

Gene ID	308
Other Names	Annexin A5, Anchorin CII, Annexin V, Annexin-5, Calphobindin I, CBP-I, Endonexin II, Lipocortin V, Placental anticoagulant protein 4, PP4, Placental anticoagulant protein I, PAP-I, Thromboplastin inhibitor, Vascular anticoagulant-alpha, VAC-alpha, ANXA5, ANX5, ENX2, PP4
Calculated MW	35937
Application Details	Immunohistochemistry(Frozen Section), 0.5-1 μ g/ml, Rat, - Immunohistochemistry(Paraffin-embedded Section), 0.5-1 μ g/ml, Human, Mouse, Rat, By Heat Western blot, 0.1-0.5 μ g/ml, Human, Rat, Mouse
Source	Eukaryota
Protein Name	Annexin A5
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg NaN ₃ .
Immunogen	E.coli-derived human Annexin V recombinant protein (Position: A2-D320). Human Annexin V shares 94% and 92% amino acid (aa) sequences identity with mouse and rat Annexin V, respectively.
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.

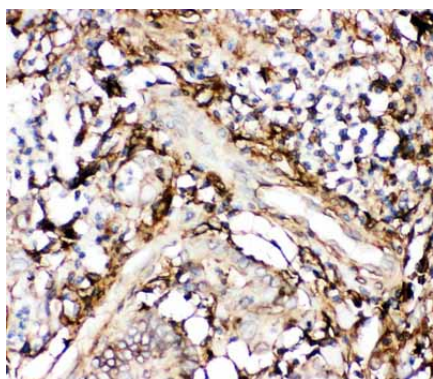
Protein Information

Name	ANXA5
Synonyms	ANX5, ENX2, PP4
Function	This protein is an anticoagulant protein that acts as an indirect inhibitor of the thromboplastin-specific complex, which is involved in the blood coagulation cascade.

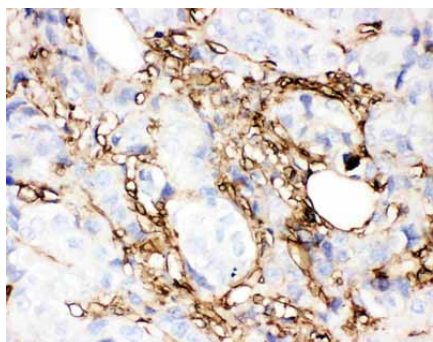
Background

Annexin A5 (or annexin V) is a cellular protein in the annexin group. It is mapped to 4q27. Annexin A5 has been proposed to play a role in the inhibition of blood coagulation by competing for phosphatidylserine binding sites with prothrombin and also to inhibit the activity of phospholipase A1. This protein is an anticoagulant protein, it can form a shield around negatively-charged phospholipid molecules, the formation of an annexin A5 shield blocks the entry of phospholipids into coagulation (clotting) reactions. And Annexin A5 can also act as an indirect inhibitor of the thromboplastin-specific complex, which is involved in the blood coagulation cascade.

Images

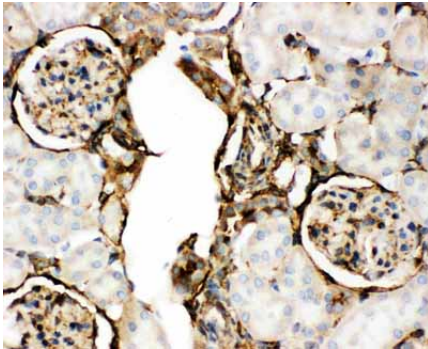
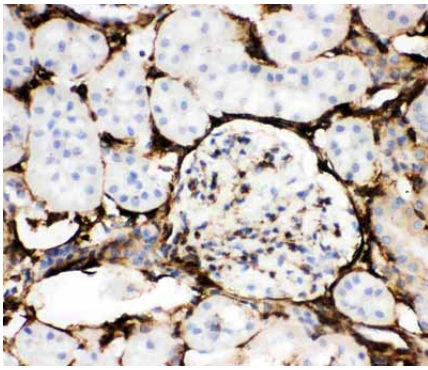


Anti-Annexin V Picoband antibody,
ABO11765-1.JPGIHC(P): Human Intestinal Cancer Tissue

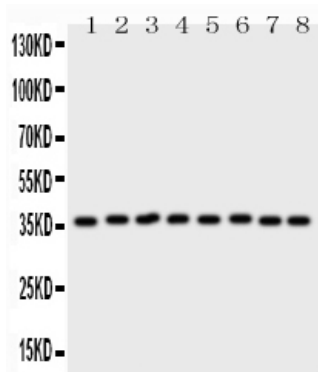


Anti-Annexin V Picoband antibody,
ABO11765-2.JPGIHC(P): Human Mammary Cancer Tissue

Anti-Annexin V Picoband antibody,
ABO11765-3.JPGIHC(P): Mouse Kidney Tissue



Anti-Annexin V Picoband antibody,
ABO11765-4.JPGIHC(P): Rat Kidney Tissue



Anti-Annexin V Picoband antibody, ABO11765-5.jpgAll
lanes: Anti-Annexin V(ABO11765) at 0.5ug/mlLane 1: Rat
Lung Tissue Lysate at 40ugLane 2: Rat Brain Tissue Lysate
at40ugLane 3: Rat Cardiac Muscle Tissue Lysate at
40ugLane 4: Rat Kidney Tissue Lysate at 40ugLane 5:
HELA Whole Cell Lysate at 40ugLane 6: SMMC Whole Cell
Lysate at 40ugLane 7: A549 Whole Cell Lysate at
40ugLane 8: SGC Whole Cell Lysate at 40ugPredicted bind
size: 36KDObserved bind size: 36KD

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