

**Anti-Annexin V Picoband Antibody**  
Catalog # ABO11765

**Specification**

**Anti-Annexin V Picoband Antibody - Product Information**

Application	IHC
Primary Accession	<a href="#">P08758</a>
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.

**Anti-Annexin V Picoband Antibody - 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 MW KDa

**Application Details**

Immunohistochemistry(Frozen Section), 0.5-1 µg/ml, Rat,  
-<br>Immunohistochemistry(Paraffin-embedded Section), 0.5-1 µg/ml, Human, Mouse, Rat, By  
Heat<br>Western blot, 0.1-0.5 µg/ml, Human, Rat, Mouse<br>

**Protein Name**

Annexin A5

**Contents**

Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na<sub>2</sub>HPO<sub>4</sub>, 0.05mg Na<sub>3</sub>.

**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 freezing and thawing.**

#### **Sequence Similarities**

Belongs to the annexin family.

### **Anti-Annexin V Picoband Antibody - Protein Information**

**Name** ANXA5

**Synonyms** ANX5, ENX2, PP4

#### **Function**

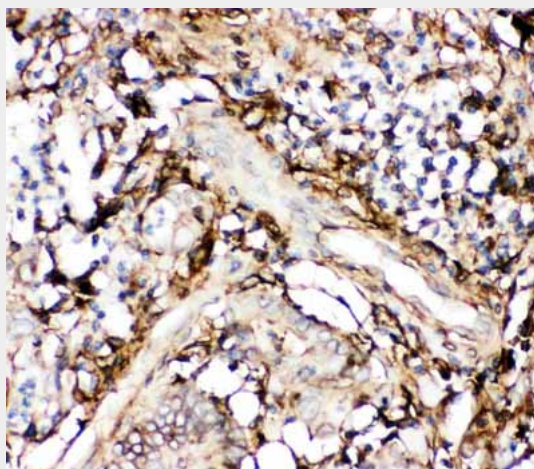
This protein is an anticoagulant protein that acts as an indirect inhibitor of the thromboplastin-specific complex, which is involved in the blood coagulation cascade.

### **Anti-Annexin V Picoband Antibody - Protocols**

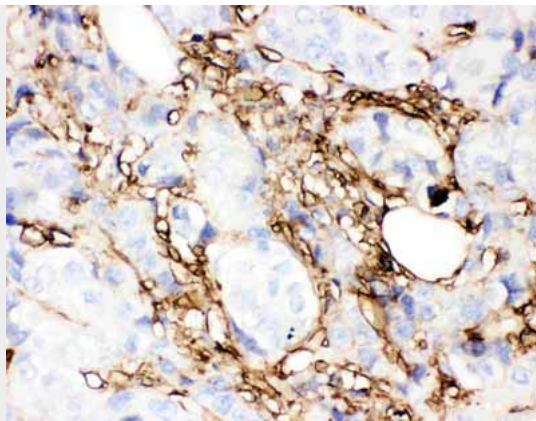
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

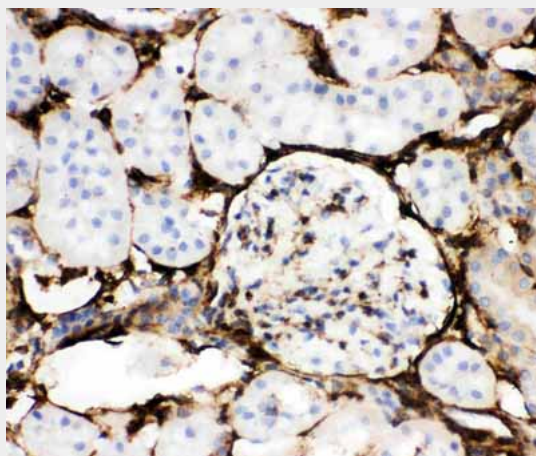
### **Anti-Annexin V Picoband Antibody - Images**



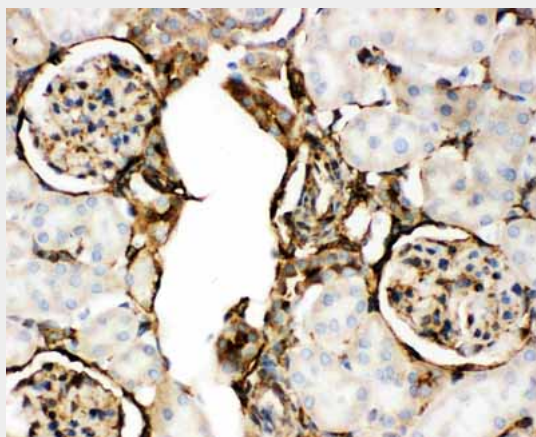
Anti-Annexin V Picoband antibody, ABO11765-1.JPGIHC(P): Human Intestinal Cancer Tissue



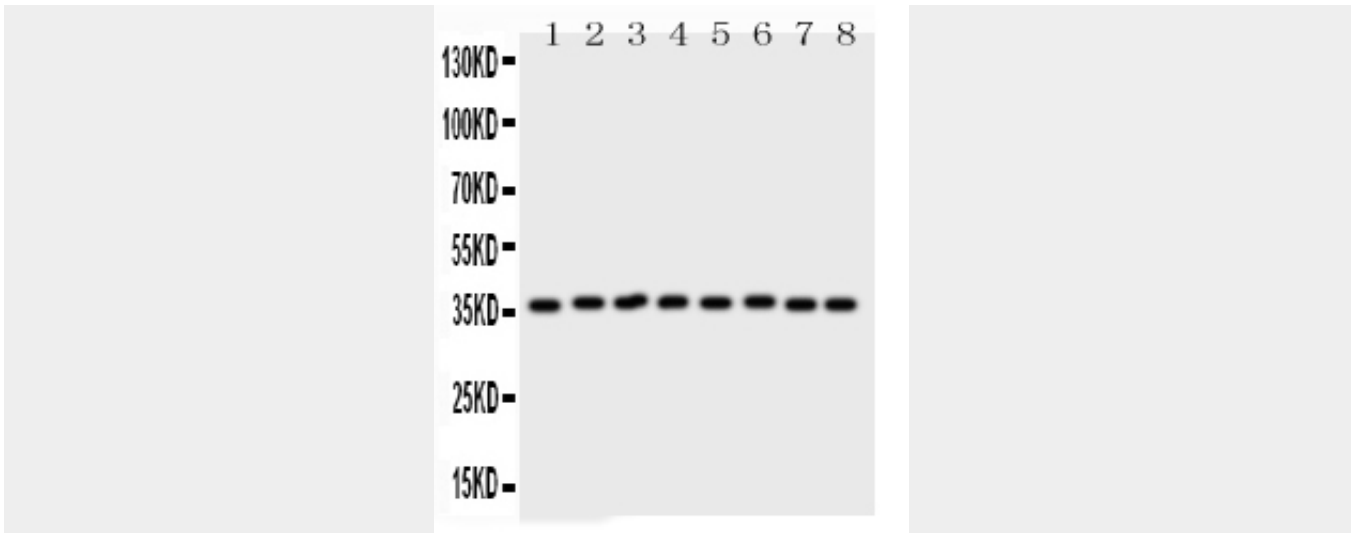
Anti-Annexin V Picoband antibody, ABO11765-2.JPGIHC(P): Human Mammary Cancer Tissue



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.jpg All lanes: Anti-Annexin V (ABO11765) at 0.5ug/ml  
Lane 1: Rat Lung Tissue Lysate at 40ug  
Lane 2: Rat Brain Tissue Lysate at 40ug  
Lane 3: Rat Cardiac Muscle Tissue Lysate at 40ug  
Lane 4: Rat Kidney Tissue Lysate at 40ug  
Lane 5: HELA Whole Cell Lysate at 40ug  
Lane 6: SMMC Whole Cell Lysate at 40ug  
Lane 7: A549 Whole Cell Lysate at 40ug  
Lane 8: SGC Whole Cell Lysate at 40ug  
Predicted bind size: 36KD  
Observed bind size: 36KD

#### **Anti-Annexin V Picoband Antibody - 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.