

Anti-Annexin V Picoband Antibody
Catalog # ABO11765**Specification****Anti-Annexin V Picoband Antibody - Product Information**

Application	IHC
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.

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,
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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

Protein Name

Annexin A5

Contents

Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na₂HPO₄, 0.05mg Na₃N.

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 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.

Anti-Annexin V Picoband Antibody - Protein Information

Name ANXA5

Synonyms ANX5, ENX2, PP4

Function

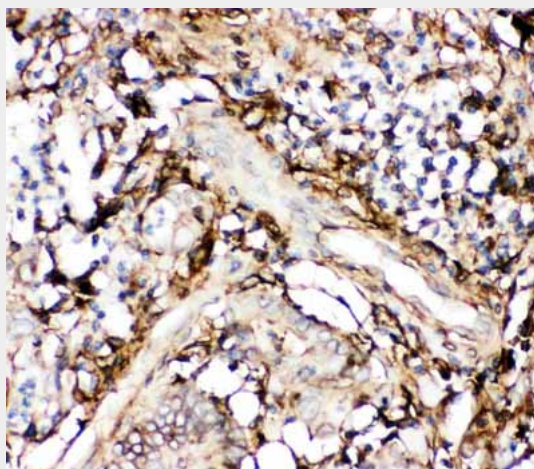
This protein is an anticoagulant protein that acts as an indirect inhibitor of the thromboplastin-specific complex, which is involved in the blood coagulation cascade.

Anti-Annexin V Picoband Antibody - Protocols

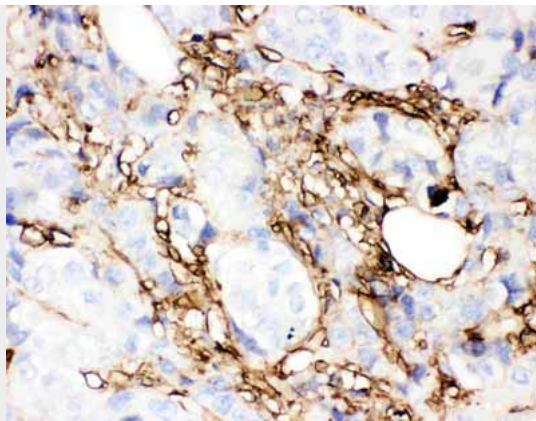
Provided below are standard protocols that you may find useful for product applications.

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

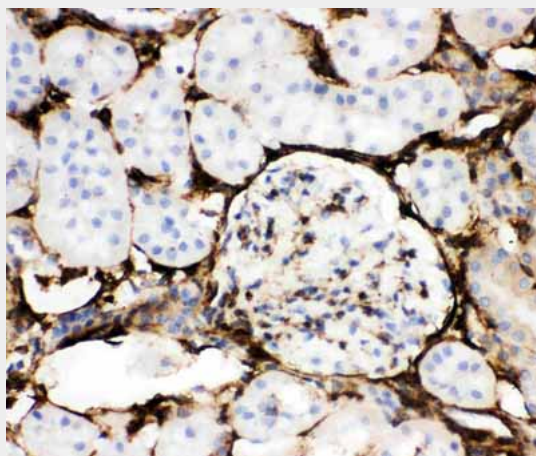
Anti-Annexin V Picoband Antibody - Images



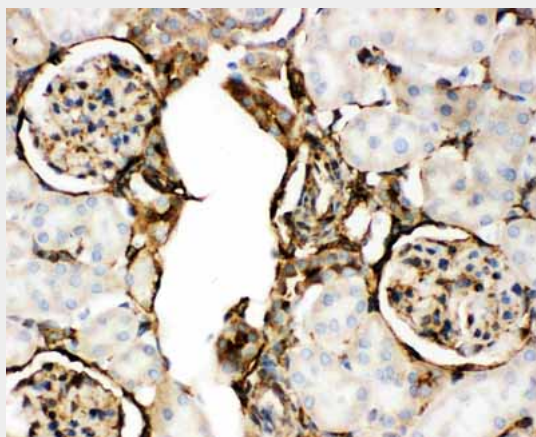
Anti-Annexin V Picoband antibody, ABO11765-1.JPGIHC(P): Human Intestinal Cancer Tissue



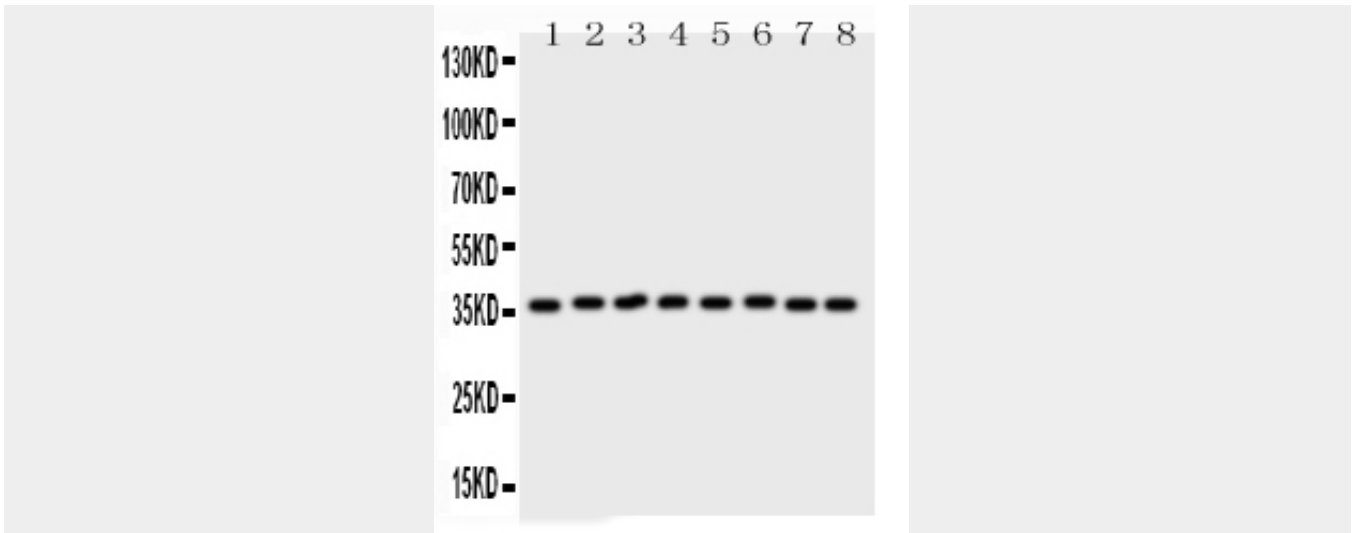
Anti-Annexin V Picoband antibody, ABO11765-2.JPGIHC(P): Human Mammary Cancer Tissue



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.