

Anti-Annexin V Antibody

Catalog # ABO10503

Product Information

Application	WB, IHC-P, ICC
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, ICC 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	Immunocytochemistry , 0.5-1 µg/ml, Human, - Immunohistochemistry(Paraffin-embedded Section), 0.5-1 µg/ml, Human, Rat, Mouse, By Heat Western blot, 0.1-0.5 µg/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 Thimerosal, 0.05mg Na ₃ .
Immunogen	A synthetic peptide corresponding to a sequence in the middle region of human Annexin V(88-102aa SRLYDAYELKHALKG), identical to the related rat and mouse sequences.
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.
Belongs to the annexin family.

Sequence Similarities

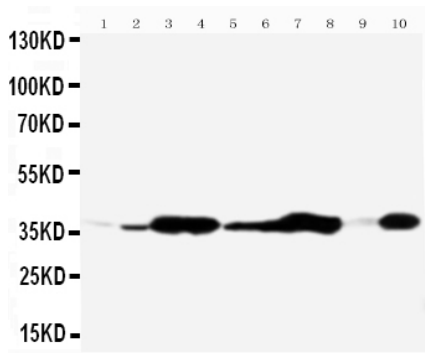
Protein Information

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.

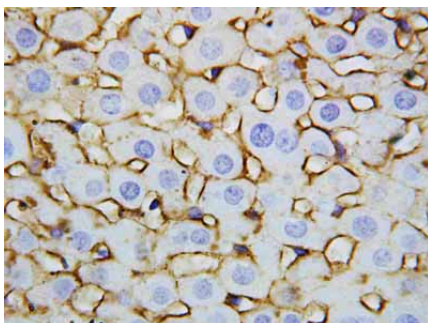
Background

Annexin V also know as endonnexin II(ENX2),or placental protein 4(PP4). Endonexin II is a member of the family of Ca(2+)-dependent phospholipid binding proteins, known as annexins. It bind to the phospholipids that are preferentially located on the cytosolic face of the plasma membrane. It has a relative molecular weight of about 35,000. The gene lies on mouse chromosome 3 in close linkage with the fibroblast growth factor 2(basic) gene and is syntenic with other genes known to have orthologous counterparts on human chromosome 4q. The PP4 cDNA encoded a protein of 320 amino acid residues. A single mRNA, approximately 1.6 kb long, was found to be expressed in human cell lines and placenta. PP4 is an anticoagulant protein that acts as an indirect inhibitor of the thromboplastin-specific complex, which is involved in the blood coagulation cascade.

Images

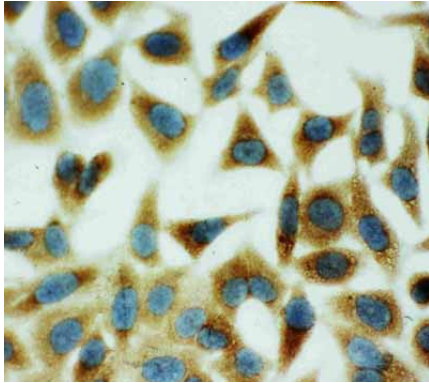
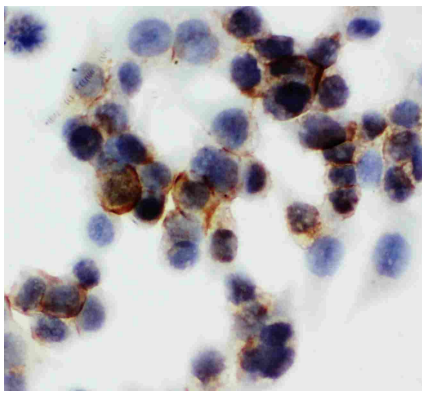


Anti-Annexin V antibody, ABO10503, Western blottingAll lanes: Anti Annexin V (ABO10503) at 0.5ug/mlLane 1: Rat Brain Tissue Lysate at 50ugLane 2: Rat Skeletal Muscle Tissue Lysate at 50ugLane 3: Rat Ovary Tissue Lysate at 50ugLane 4: Rat Lung Tissue Lysate at 50ugLane 5: MCF-7 Whole Cell Lysate at 40ugLane 6: SMMC Whole Cell Lysate at 40ugLane 7: A549 Whole Cell Lysate at 40ugLane 8: JURKAT Whole Cell Lysate at 40ugLane 9: SGC Whole Cell Lysate at 40ugLane 10: HT1080 Whole Cell Lysate at 40ugPredicted bind size: 36KDObserved bind size: 36KD



Anti-Annexin V antibody, ABO10503, IHC(P)IHC(P): Rat Liver Tissue

Anti-Annexin V antibody, ABO10503, ICCICC: HCT116 Cell



Anti-Annexin V antibody, ABO10503, ICCICC: HELA Cell

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