

Datasheet for ABIN3029974
anti-Annexin V antibody (AA 88-102)[Go to Product page](#)

6 Images

Overview

Quantity:	100 µg
Target:	Annexin V (ANXA5)
Binding Specificity:	AA 88-102
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Annexin V antibody is un-conjugated
Application:	Western Blotting (WB), Immunocytochemistry (ICC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Amino acids 88-102 (SRLYDAYELKHALKG-human) were used as the immunogen for this Annexin V antibody.
Isotype:	IgG
Purification:	Antigen affinity

Target Details

Target:	Annexin V (ANXA5)
Alternative Name:	Annexin V (ANXA5 Products)
Background:	Annexin V is also known as endonexin II (ENX2), or placental protein 4 (PP4). It is a member of the family of Ca(2+)-dependent phospholipid binding proteins, known as annexins. It binds to the

Target Details

phospholipids that are preferentially located on the cytosolic face of the plasma membrane. Annexin V 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 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. It is an anticoagulant protein that acts as an indirect inhibitor of the thromboplastin-specific complex, which is involved in the blood coagulation cascade.

UniProt: [P08758](#)

Pathways: [Apoptosis](#)

Application Details

Application Notes: The stated application concentrations are suggested starting amounts. Titration of the Annexin V antibody may be required due to differences in protocols and secondary/substrate sensitivity. Western blot: 0.5-1 µg/mL, IHC (Paraffin): 0.5-1 µg/mL, Immunocytochemistry: 0.5-1 µg/mL

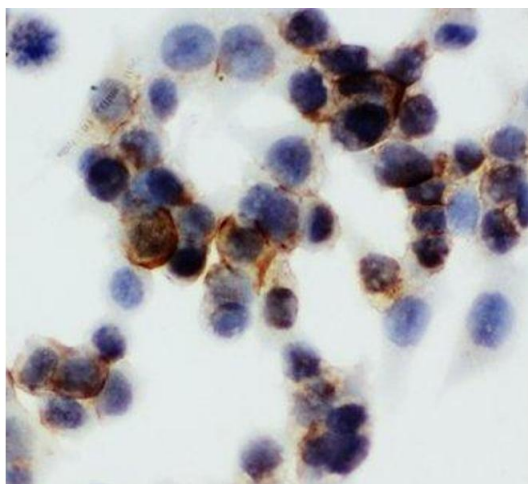
Restrictions: For Research Use only

Handling

Buffer: 0.5 mg/mL if reconstituted with 0.2 mL sterile DI water

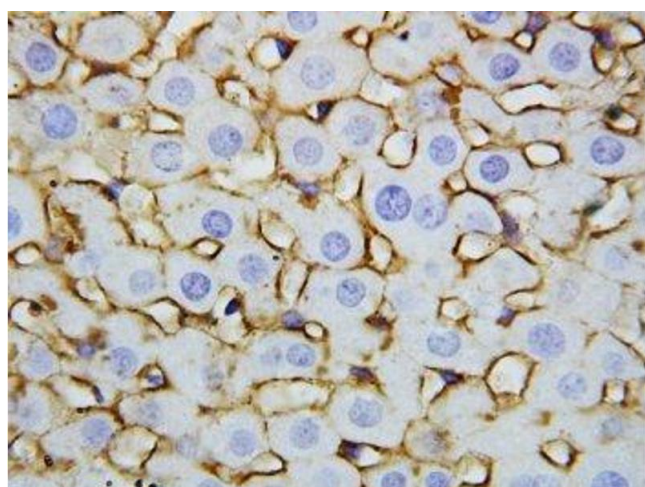
Storage: -20 °C

Storage Comment: After reconstitution, the Annexin V antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.



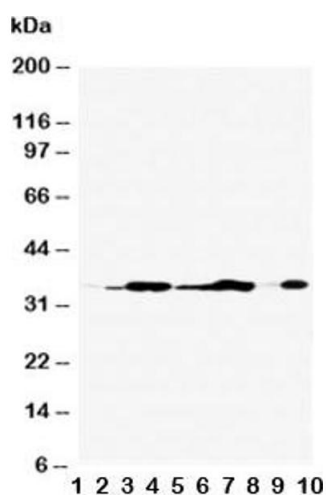
Immunocytochemistry

Image 1. ICC: Annexin V antibody testing of HCT116 cells



Immunohistochemistry

Image 2. IHC-P: Annexin V antibody testing of rat liver tissue



Western Blotting

Image 3. Western blot testing of Annexin V antibody and
Lane 1: rat brain; 2: rat skeletal muscle; 3: rat ovary; 4: rat lung; 5: MCF-7; 6: SMMC-7721; 7: A549; 8: Jurkat; 9: SGC; 10: HT1080; Predicted molecular weight ~36 kDa.

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN3029974.