

Datasheet for ABIN3029978
anti-Annexin VII antibody (C-Term)[Go to Product page](#)

5 Images

Overview

Quantity:	100 µg
Target:	Annexin VII (ANXA7)
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Annexin VII antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	An amino acid sequence from the C-terminus of human Annexin VII (TRSEIDLVLQIKQMFAQ) was used as the immunogen for this Annexin VII antibody.
Isotype:	IgG
Purification:	Antigen affinity

Target Details

Target:	Annexin VII (ANXA7)
Alternative Name:	Annexin VII (ANXA7 Products)
Background:	Annexin A7, also known as ANX7 or SNX, is a protein that in humans is encoded by the ANXA7 gene. Annexin VII is a member of the annexin family of calcium-dependent phospholipid binding proteins. Shirvan et al.(1994) isolated genomic clones of the ANXA7 gene and assigned the

Target Details

gene to 10q21.1-q21.2 by study of somatic cell hybrids and by in situ hybridization. Srivastava et al.(2001) concluded that the gene exhibits many biologic and genetic properties expected of a tumor suppressor gene and may play a role in prostate cancer progression. Caohuy et al.(1996) present experimental evidence, based on studies of recombinant human protein and isolated bovine chromaffin cells, that ANXA7 is a Ca(2+)-dependent GTP binding protein. It was active in a chromaffin granule aggregation assays in the presence of Ca(2+) and GTP, and was deactivated upon GTP hydrolysis.

UniProt: [P20073](#)

Application Details

Application Notes: The stated application concentrations are suggested starting amounts. Titration of the Annexin VII 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

Restrictions: For Research Use only

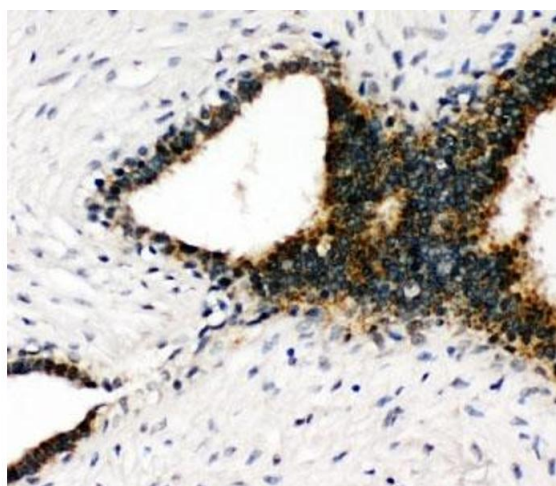
Handling

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

Storage: -20 °C

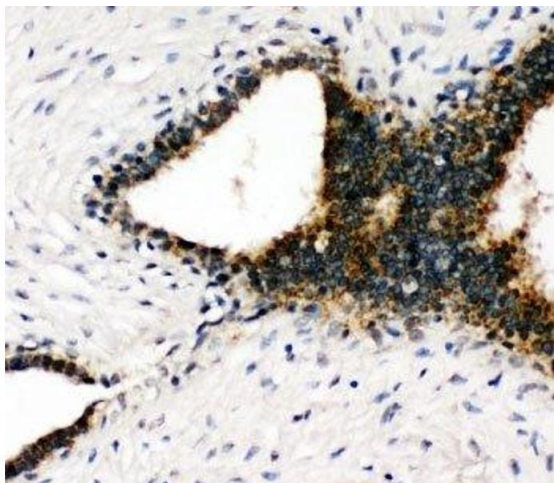
Storage Comment: After reconstitution, the Annexin VII antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.

Images



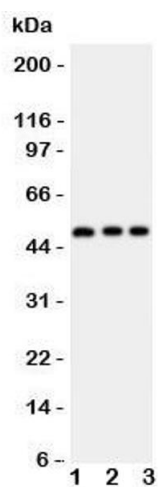
Immunohistochemistry

Image 1. IHC-P: Annexin VII antibody testing of human breast cancer tissue



Immunohistochemistry

Image 2. IHC-P: Annexin VII antibody testing of human breast cancer tissue



Western Blotting

Image 3. Western blot testing of Annexin VII antibody; Lane 1: rat skeletal muscle; 2: SMMC-7721; 3: COLO320 cell lysate

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN3029978.