

Anti-Annexin VII Picoband Antibody Catalog # ABO10312

Specification

Anti-Annexin VII Picoband Antibody - Product Information

Application	WB
Primary Accession	P20073
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Format	Lyophilized

Description

Rabbit IgG polyclonal antibody for Annexin A7 (ANXA7) detection. Tested with WB in Human.

Reconstitution

Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

Anti-Annexin VII Picoband Antibody - Additional Information

Gene ID 310

Other Names

Annexin A7, Annexin VII, Annexin-7, Synexin, ANXA7, ANX7, SNX

Calculated MW

52739 MW KDa

Application Details

Western blot, 0.1-0.5 µg/ml, Human

Tissue Specificity

Isoform 1 is expressed in brain, heart and skeletal muscle. Isoform 2 is more abundant in liver, lung, kidney, spleen, fibroblasts and placenta. .

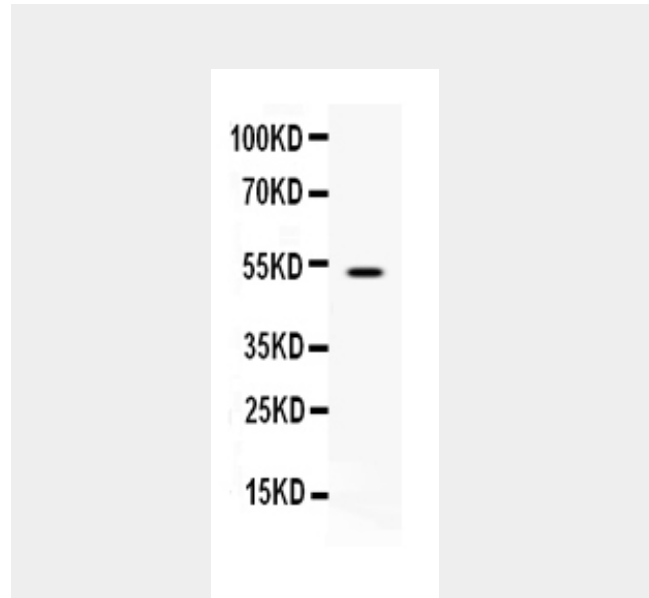
Protein Name

Annexin A7

Contents

Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na₂HPO₄, 0.05mg NaN₃.

Immunogen



Western blot analysis of Annexin VII expression in JURKAT whole cell lysates (lane 1). Annexin VII at 52KD was detected using rabbit anti- Annexin VII Antigen Affinity purified polyclonal antibody (Catalog # ABO10312) at 0.5 µg/mL. The blot was developed using chemiluminescence (ECL) method .

Anti-Annexin VII Picoband Antibody - Background

ANXA7 (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. This gene is mapped to 10q21.1-q21.2 by study of somatic cell hybrids and by in situ hybridization. The ANX7 gene exhibits many biologic and genetic properties expected of a tumor suppressor gene and may play a role in prostate cancer progression. Based on studies of recombinant human ANXA7 and isolated bovine chromaffin cells, it is showed that ANXA7 is a Ca²⁺-dependent GTP binding protein. ANXA7 was active in a chromaffin granule aggregation assays in the presence of Ca²⁺ and GTP, and was deactivated upon GTP hydrolysis.

A synthetic peptide corresponding to a sequence at the C-terminus of human Annexin VII (434-466aa TDDSTLVRIVVTRSEIDLVQIKQMFAQMYQKTL), different from the related mouse sequence by one amino acid.

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.

Anti-Annexin VII Picoband Antibody - Protein Information

Name ANXA7

Synonyms ANX7, SNX

Function

Calcium/phospholipid-binding protein which promotes membrane fusion and is involved in exocytosis.

Tissue Location

Isoform 1 is expressed in brain, heart and skeletal muscle. Isoform 2 is more abundant in liver, lung, kidney, spleen, fibroblasts and placenta.

Anti-Annexin VII 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](#)