

Anti-Annexin VII/ANXA7 Antibody Picoband™

Catalog Number: A04889

About ANXA7

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 Ca (2+)-dependent GTP binding protein. ANXA7 was active in a chromaffin granule aggregation assays in the presence of Ca (2+) and GTP, and was deactivated upon GTP hydrolysis.

Overview

Product Name	Anti-Annexin VII/ANXA7 Antibody Picoband™
Reactive Species	Human
Description	Boster Bio Anti-Annexin VII/ANXA7 Antibody Picoband™ catalog # A04889. Tested in WB applications. This antibody reacts with Human.
Application	WB
Clonality	Polyclonal G9
Formulation	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
Storage Instructions	Store at -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P20073

Technical Details

Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human Annexin VII, different from the related mouse sequence by one amino acid.
Predicted Reactive Species	Hamster
Recommended Detection Systems	Boster recommends Enhanced Chemiluminescent Kit with anti-Rabbit IgG (EK1002) for Western blot.
Cross Reactivity	No cross reactivity with other proteins.
Form	Lyophilized
Concentration	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.



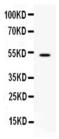


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Purification	Immunogen affinity purified.
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this kit. If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples. Some PubMed article(s) citing the expression level of this target are as follows: Boster Bio's internal QC testing used: Western blot, 0.1-0.5ug/ml, Human



Anti-Annexin VII/ANXA7 Antibody Picoband™ (A04889) Images



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 # A04889) at 0.5 ug/mL. The blot was developed using chemiluminescence (ECL) method (Catalog # EK1002).

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