

Datasheet for ABIN5518736  
**anti-Annexin VIII antibody (N-Term)**[Go to Product page](#)[1 Image](#)[1 Publication](#)

## Overview

Quantity:	100 µg
Target:	Annexin VIII (ANXA8)
Binding Specificity:	AA 20-61, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)

## Product Details

Purpose:	Rabbit IgG polyclonal antibody for Annexin A8(ANXA8) detection. Tested with WB in Human.
Immunogen:	A synthetic peptide corresponding to a sequence at the N-terminus of human Annexin VIII (20-61aa HFNPDPDAETLYKAMKGIGTNEQAIIDVLTKRSNTQRQQIAK), different from the related mouse and rat sequences by one amino acid.
Sequence:	HFNPDPDAET LYKAMKGIGT NEQAIIDVLT KRSNTQRQQI AK
Isotype:	IgG
Cross-Reactivity (Details):	No cross reactivity with other proteins.
Characteristics:	Rabbit IgG polyclonal antibody for Annexin A8(ANXA8) detection. Tested with WB in Human. Gene Name: annexin A8 Protein Name: Annexin A8
Purification:	Immunogen affinity purified.

## Target Details

Target:	Annexin VIII (ANXA8)
Alternative Name:	ANXA8 ( <a href="#">ANXA8 Products</a> )
Background:	<p>ANXA8 is also known as ANNEXIN VIII. This gene encodes a member of the annexin family of evolutionarily conserved Ca<sup>2+</sup> and phospholipid binding proteins. The encoded protein may function as an anticoagulant that indirectly inhibits the thromboplastin-specific complex. Overexpression of this gene has been associated with acute myelocytic leukemia. A highly similar duplicated copy of this gene is found in close proximity on the long arm of chromosome 10.</p> <p>Synonyms: Annexin-8   AnnexinVIII   ANX8   ANXA8   P13928   VAC-beta   Vascular anticoagulant-beta   Annexin VIII</p>
Gene ID:	653145
UniProt:	<a href="#">P13928</a>

## Application Details

Application Notes:	<p>WB: Concentration: 0.1-0.5 µg/mL, Tested Species: Human</p> <p>Notes: Tested Species: Species with positive results.</p> <p>Other applications have not been tested. Optimal dilutions should be determined by end users.</p>
Comment:	Antibody can be supported by chemiluminescence kit ABIN921124 in WB.
Restrictions:	For Research Use only

## Handling

Format:	Lyophilized
Reconstitution:	Add 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL
Buffer:	Each vial contains 5 mg BSA, 0.9 mg NaCl, 0.2 mg Na <sub>2</sub> HPO <sub>4</sub> , 0.05 mg Sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C

## Handling

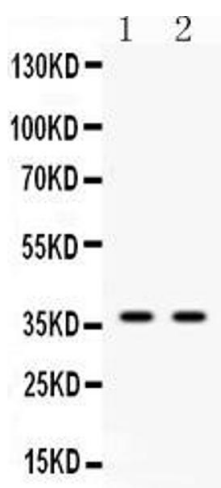
Storage Comment: At -20°C for one year. After reconstitution, at 4°C for one month.

It can also be aliquotted and stored frozen at -20 °C for a longer time. Avoid repeated freezing and thawing.

## Publications

Product cited in: Acar, Tayyar, Yuksel, Atis Aydin, Yildirim, Ekiz, Dag, Topcu: "Increased maternal C1q/TNF-related protein-1 (CTRP-1) serum levels in pregnancies with preeclampsia." in: **The journal of maternal-fetal & neonatal medicine**, pp. 1-6, (2018) ([PubMed](#)).

## Images



### Western Blotting

**Image 1.** Western blot analysis of Annexin VIII using anti-Annexin VIII antibody . Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel) / 90V (Resolving gel) for 2-3 hours. The sample well of each Lane was loaded with 50ug of sample under reducing conditions. Lane 1: HELA whole cell lysates, Lane 2: A549 whole cell lysates. After Electrophoresis, proteins were transferred to a Nitrocellulose membrane at 150mA for 50-90 minutes. Blocked the membrane with 5% Non-fat Milk/ TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-Annexin VIII antigen affinity purified polyclonal antibody (Catalog # ) at 0.5 µg/mL overnight at 4°C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:10000 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit (Catalog # EK1002) with Tanon 5200 system. A specific band was detected for Annexin VIII at approximately 37KD. The expected band size for Annexin VIII is at 37KD.