

Datasheet for ABIN2855591
anti-Annexin IV antibody[Go to Product page](#)

4 Images

Overview

Quantity:	100 µL
Target:	Annexin IV (ANXA4)
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Annexin IV antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP), Immunocytochemistry (ICC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human Annexin IV. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Rabbit Polyclonal antibody to Annexin IV (annexin A4) Annexin IV antibody
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	Annexin IV (ANXA4)
Alternative Name:	annexin A4 (ANXA4 Products)

Target Details

Background: Annexin IV (ANX4) belongs to the annexin family of calcium-dependent phospholipid binding proteins. Although their functions are still not clearly defined, several members of the annexin family have been implicated in membrane-related events along exocytotic and endocytotic pathways. ANX4 has 45 to 59 % identity with other members of its family and shares a similar size and exon-intron organization. Isolated from human placenta, ANX4 encodes a protein that has possible interactions with ATP, and has in vitro anticoagulant activity and also inhibits phospholipase A2 activity. ANX4 is almost exclusively expressed in epithelial cells.

Molecular Weight: 36 kDa

Gene ID: 307

UniProt: [P09525](#)

Application Details

Application Notes: WB: 1:500-1:3000. ICC/IF: 1:100-1:1000. IHC-P: 1:100-1:1000. IP: 1:100-1:500. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.

Comment: Positive Control: HepG2

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

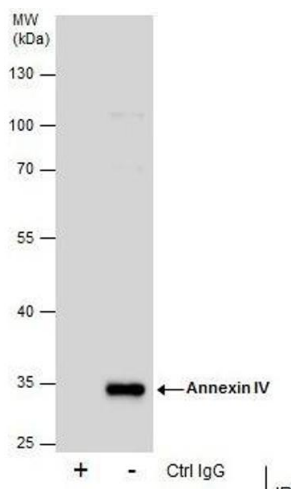
Buffer: 0.1M Tris-Glycine (pH 7), 20 % Glycerol, 0.01 % Thimerosal

Preservative: Thimerosal (Merthiolate)

Precaution of Use: This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

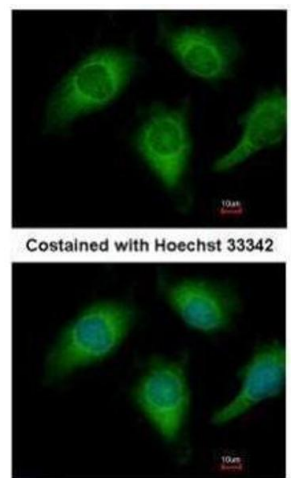
Storage: 4 °C,-20 °C

Storage Comment: Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.



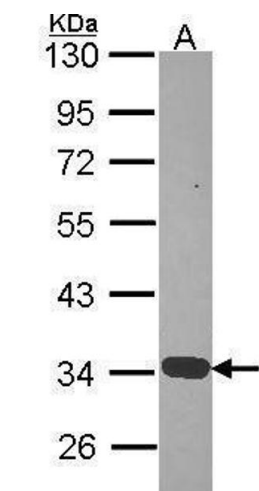
Immunoprecipitation

Image 1. IP Image Immunoprecipitation of Annexin IV protein from HepG2 whole cell extracts using 5 µg of Annexin IV antibody, Western blot analysis was performed using Annexin IV antibody, EasyBlot anti-Rabbit IgG was used as a secondary reagent.



Immunofluorescence

Image 2. ICC/IF Image Immunofluorescence analysis of methanol-fixed HeLa, using Annexin A4, antibody at 1:200 dilution.



Western Blotting

Image 3. WB Image Sample (30 ug of whole cell lysate) A: Hep G2 , 10% SDS PAGE Annexin IV antibody antibody diluted at 1:1000

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN2855591.