

Datasheet for ABIN2855592
anti-Annexin V antibody[Go to Product page](#)

4 Images

Overview

Quantity:	100 µL
Target:	Annexin V (ANXA5)
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Annexin V antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS)

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human Annexin V. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Rabbit Polyclonal antibody to Annexin V (annexin A5) Annexin V antibody
Purification:	Purified by antigen-affinity chromatography.
Grade:	KO Validated

Target Details

Target:	Annexin V (ANXA5)
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Target Details

Alternative Name:	annexin A5 (ANXA5 Products)
Background:	The protein encoded by this gene belongs to the annexin family of calcium-dependent phospholipid binding proteins some of which have been implicated in membrane-related events along exocytotic and endocytotic pathways. Annexin 5 is a phospholipase A2 and protein kinase C inhibitory protein with calcium channel activity and a potential role in cellular signal transduction, inflammation, growth and differentiation. Annexin 5 has also been described as placental anticoagulant protein I, vascular anticoagulant-alpha, endonexin II, lipocortin V, placental protein 4 and anchorin CII. The gene spans 29 kb containing 13 exons, and encodes a single transcript of approximately 1.6 kb and a protein product with a molecular weight of about 35 kDa.
Molecular Weight:	36 kDa
Gene ID:	308
UniProt:	P08758
Pathways:	Apoptosis

Application Details

Application Notes:	WB: 1:500-1:50000. FACS: 1:50-1:200. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.
Comment:	Positive Control: PC-12 , Rat2 , A431 , HeLa , HepG2 , GL261 , C8D30 , NIH-3T3 , Raw 264.7 , 293T Validation: KO/KD
Restrictions:	For Research Use only

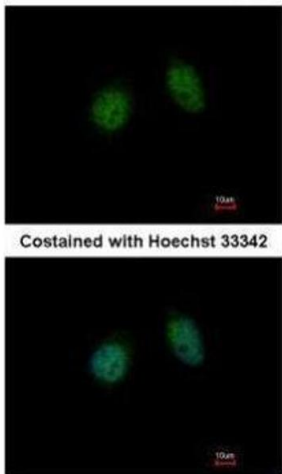
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	1XPBS (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.

Handling

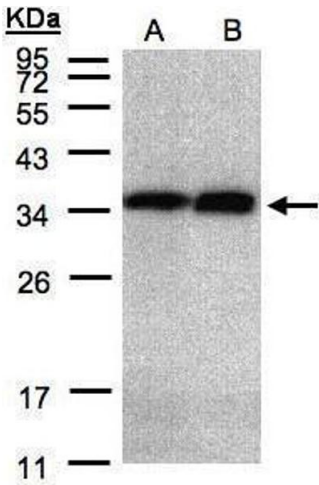
Storage:	4 °C,-20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.

Validation report #104383 for Cleavage Under Targets and Release Using Nuclease (CUT&RUN)



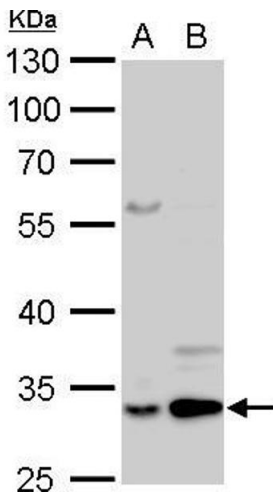
Immunofluorescence

Image 1. ICC/IF Image Immunofluorescence analysis of paraformaldehyde-fixed HeLa, using Annexin V, antibody at 1:500 dilution.



Western Blotting

Image 2. WB Image Sample(30 µg of whole cell lysate) A:HeLa S3, B:Hep G2, 12% SDS PAGE antibody diluted at 1:2000



Western Blotting

Image 3. WB Image Annexin V antibody detects ANXA5 protein by Western blot analysis. A. 30 µg PC-12 whole cell lysate/extract B. 30 µg Rat2 whole cell lysate/extract 10 % SDS-PAGE Annexin V antibody , dilution: 1:1000

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN2855592.