

Datasheet for ABIN2857036
anti-Annexin A2 antibody (N-Term)

5 Images

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Overview

Quantity:	100 µL
Target:	Annexin A2 (ANXA2)
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Annexin A2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF), Immunocytochemistry (ICC)

Product Details

Immunogen:	Carrier-protein conjugated synthetic peptide encompassing a sequence within the N-terminus region of human Annexin II. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Rabbit Polyclonal antibody to Annexin II (annexin A2) Annexin II antibody [N1], N-term
Purification:	Purified by antigen-affinity chromatography.
Grade:	KO Validated

Target Details

Target:	Annexin A2 (ANXA2)
Alternative Name:	annexin A2 (ANXA2 Products)
Background:	<p>This gene encodes a member of the annexin family. Members of this calcium-dependent phospholipid-binding protein family play a role in the regulation of cellular growth and in signal transduction pathways. This protein functions as an autocrine factor which heightens osteoclast formation and bone resorption. This gene has three pseudogenes located on chromosomes 4, 9 and 10, respectively. Multiple alternatively spliced transcript variants encoding different isoforms have been found for this gene.</p> <p>Cellular Localization: Secreted , extracellular space , extracellular matrix , basement membrane , Melanosome</p>
Molecular Weight:	39 kDa
Gene ID:	302
UniProt:	P07355
Pathways:	S100 Proteins

Application Details

Application Notes:	WB: 1:500-1:3000. ICC/IF: 1:100-1:1000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.
Comment:	Positive Control: A549 , HCT116 , human ANXA2-transfected 293T , HeLa Validation: KO/KD, Overexpression
Restrictions:	For Research Use only

Handling

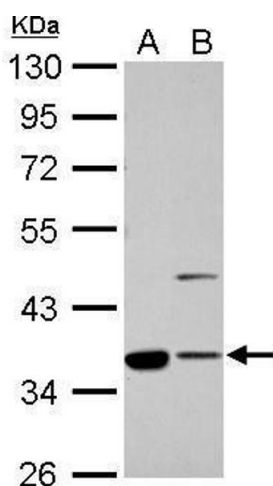
Format:	Liquid
Concentration:	0.75 mg/mL
Buffer:	0.1M Tris-Glycine (pH 7), 20 % Glycerol, 0.01 % Thimerosal
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling

Storage: 4 °C, -20 °C

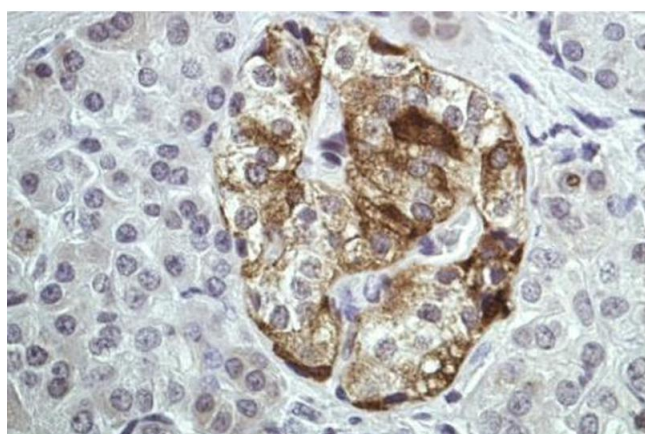
Storage Comment: Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.

Images



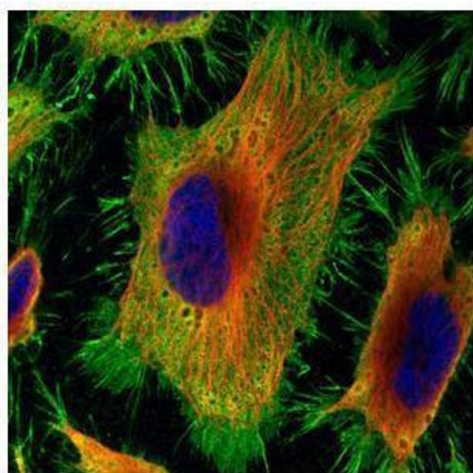
Western Blotting

Image 1. WB Image Annexin II antibody [N1], N-term detects ANXA2 protein by Western blot analysis. A. 30 µg A549 whole cell lysate/extract B. 30 µg HCT116 whole cell lysate/extract 10 % SDS-PAGE Annexin II antibody [N1], N-term, dilution: 1:1000



Immunohistochemistry

Image 2. IHC-P Image Immunohistochemical analysis of paraformaldehyde-fixed Human pancreas tissue, using ANXA2, antibody at 1:100 dilution.



Immunofluorescence

Image 3. ICC/IF Image Confocal immunofluorescence analysis (Olympus FV10i) of paraformaldehyde-fixed HeLa, using Annexin II, antibody (Green) at 1:500 dilution. Alpha-tubulin filaments were labeled with (Red) at 1:2000.

Images

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN2857036.