

Product Datasheet

Annexin A11 Antibody - BSA Free NB100-78588

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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Publications: 2

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NB100-78588

Annexin A11 Antibody - BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Thimerosal
Isotype	IgG
Purity	Protein A purified
Buffer	PBS, 20% Glycerol
Target Molecular Weight	54 kDa

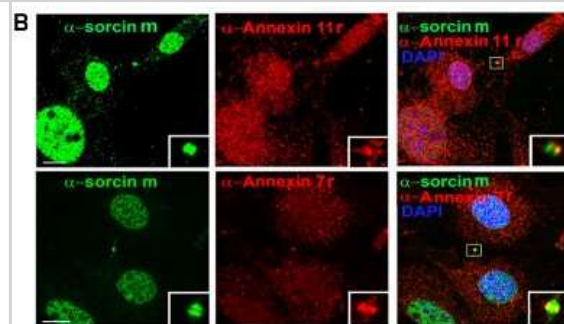
Product Description	
Description	Novus Biologicals Knockout (KO) Validated Rabbit Annexin A11 Antibody - BSA Free (NB100-78588) is a polyclonal antibody validated for use in WB and ICC/IF. Anti-Annexin A11 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	311
Gene Symbol	ANXA11
Species	Human
Reactivity Notes	Mouse reactivity reported in scientific literature (PMID: 26577048).
Immunogen	Carrier-protein conjugated synthetic peptide encompassing a sequence within the N-terminus region of human Annexin A11. The exact sequence is proprietary.

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Knockout Validated
Recommended Dilutions	Western Blot 1:500-1:3000, Immunocytochemistry/ Immunofluorescence, Knockout Validated
Application Notes	ICC/IF usage reported in scientific literature (PMID: 26577048).

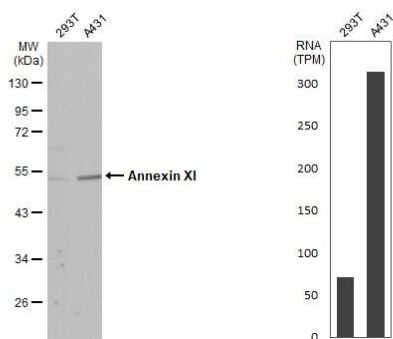


Images

Immunocytochemistry/Immunofluorescence: Annexin A11 Antibody [NB100-78588] - Colocalization of Sorcin with PDCD6 and annexins 7 and 11. Experiments showing co-localization between Sorcin (mouse alpha-sorcin, green) and annexin11 (top panel: rabbit alpha-annexin11, red), or annexin7 (bottom panel: rabbit alpha-annexin7, red), in 3T3-L1 preadipocytes in cytokinesis. Bars: 10 um. Note the colocalization in the midbody (arrows and insets). Image collected and cropped by CiteAb from the following publication (<https://www.nature.com/articles/srep16828>) licensed under a CC-BY license.

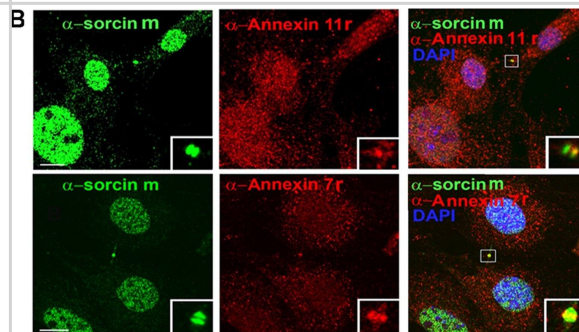


Various whole cell extracts (30 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with Annexin A11 antibody (NB100-78588) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody. Corresponding RNA expression data for the same cell lines are based on Human Protein Atlas program.



Colocalization of Sorcin with PDCD6 and annexins 7 and 11.(A)

Experiments showing co-localization between sorcin (rabbit α -sorcin, green) and PDCD6 (mouse α -PDCD6, red), in 3T3-L1 preadipocytes in cytokinesis (top panel) and differentiated 3T3-L1 adipocytes (bottom panel) in X and Z axes. Bars: 10 μ m. Note the colocalization in the midbody of 3T3-L1 preadipocytes and in the perinuclear region of adipocytes. (B) Experiments showing co-localization between Sorcin (mouse α -sorcin, green) and annexin11 (top panel: rabbit α -annexin11, red), or annexin7 (bottom panel: rabbit α -annexin7, red), in 3T3-L1 preadipocytes in cytokinesis. Bars: 10 μ m. Note the colocalization in the midbody (arrows and insets). Image collected and cropped by CiteAb from the following open publication (<https://pubmed.ncbi.nlm.nih.gov/26577048>), licensed under a CC-BY license. Not internally tested by Novus Biologicals.



Publications

Ilari A, Fiorillo A, Poser E et al. Structural basis of Sorcin-mediated calcium-dependent signal transduction. *Sci Rep* 2015-01-01 [PMID: 26577048] (ICC/IF, Mouse)

Laloti VS, Ilari A, O'Connell DJ et al. Sorcin links calcium signaling to vesicle trafficking, regulates polo-like kinase 1 and is necessary for mitosis. *PLoS ONE* 2014-01-15 [PMID: 24427308]



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Products Related to NB100-78588

NBL1-07559	Annexin A11 Overexpression Lysate
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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