

Product Datasheet

HCA59 Antibody - BSA Free

NBP1-83169

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: 1

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Updated 12/2/2025 v.20.1

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NBP1-83169

HCA59 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	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

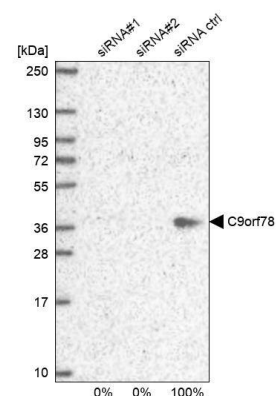
Product Description	
Description	Novus Biologicals Rabbit HCA59 Antibody - BSA Free (NBP1-83169) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-HCA59 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	51759
Gene Symbol	C9ORF78
Species	Human
Reactivity Notes	Reactivity reported in scientific literature (PMID: 23276153)
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: YHEELNAPIRRNKEEPKARPLRVGDTEKPEPERSPPNRKR PANEKATDDYHYE KFK

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1.0 ug/ml, Immunohistochemistry 1:20 - 1:50, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:20 - 1:50
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. Immunocytochemistry/Immunofluorescence Fixation Permeabilization: Use PFA/Triton X-100.

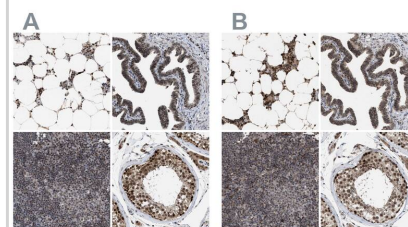


Images

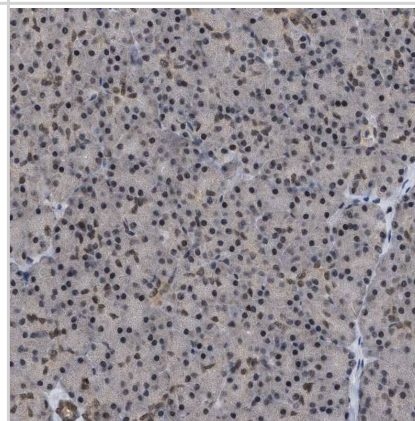
Western Blot: HCA59 Antibody [NBP1-83169] - Analysis in U2OS cells transfected with control siRNA, target specific siRNA probes #1 and #2, using Anti-C9orf78 antibody. The remaining relative intensity is presented.



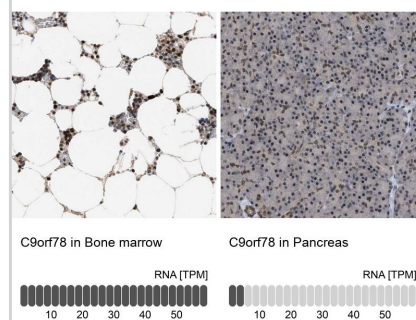
Immunohistochemistry: HCA59 Antibody [NBP1-83169] - Staining of human bone marrow, fallopian tube, lymph node and testis using Anti-C9orf78 antibody NBP1-83169 (A) shows similar protein distribution across tissues to independent antibody NBP1-83170 (B).



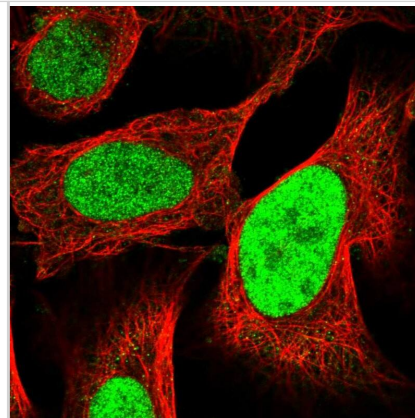
Immunohistochemistry: HCA59 Antibody [NBP1-83169] - Staining of human pancreas shows weak positivity in exocrine glandular cells as expected.



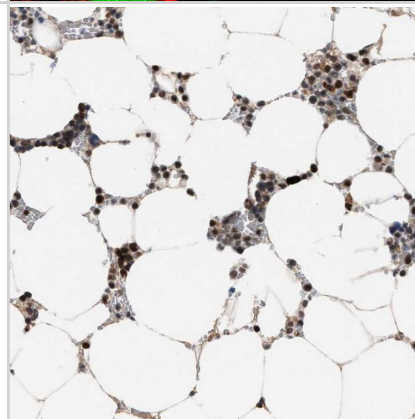
Immunohistochemistry: HCA59 Antibody [NBP1-83169] - Analysis in human bone marrow and pancreas tissues using NBP1-83169 antibody. Corresponding C9orf78 RNA-seq data are presented for the same tissues.



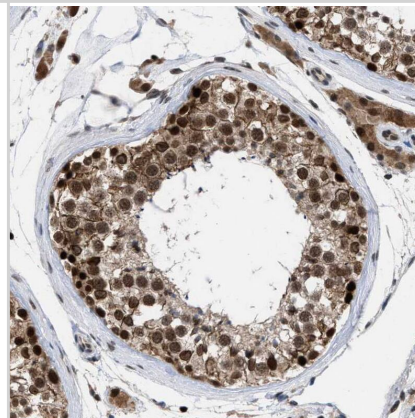
Immunohistochemistry: HCA59 Antibody [NBP1-83169] - Staining of human cell line U-2 OS shows localization to the nucleoplasm.



Immunohistochemistry: HCA59 Antibody [NBP1-83169] - Staining of human bone marrow shows high expression.



Immunohistochemistry: HCA59 Antibody [NBP1-83169] - Staining of human testis shows strong nuclear positivity in cells in seminiferous ducts.



Publications

Fagerberg L, Oksvold P, Skogs M et al. Contribution of antibody-based protein profiling to the human Chromosome-centric Proteome Project (C-HPP). J Proteome Res 2013-06-07 [PMID: 23276153]



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Products Related to NBP1-83169

NBP1-83169PEP	HCA59 Recombinant Protein Antigen
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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