

Product Datasheet

HCA59 Antibody - BSA Free NBP1-83170

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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NBP1-83170

HCA59 Antibody - BSA Free

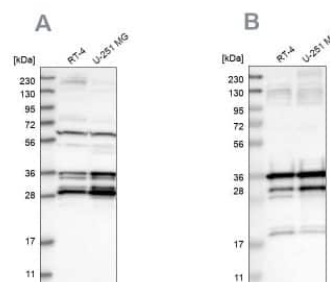
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description	
Host	Rabbit
Gene ID	51759
Gene Symbol	C9ORF78
Species	Human, Mouse, Rat
Reactivity Notes	Reactivity reported in scientific literature (PMID: 23276153)
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: KKTEEMLSNQMLSGIPEVDLGIDAKIKNIISTEDAKARLLAEQQNKKKDSSETSFV PTNMAVNYVQHNR

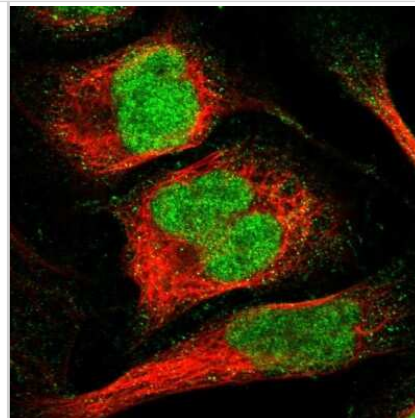
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:50 - 1:200
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. Immunocytochemistry/Immunofluorescence Fixation Permeabilization: Use PFA/Triton X-100.

Images

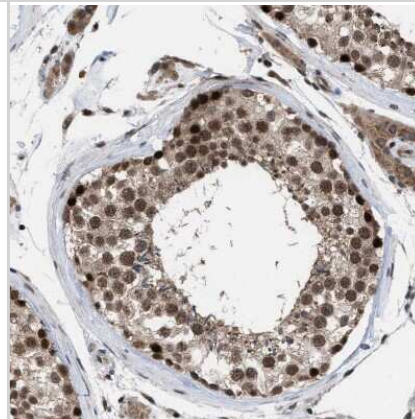
Western Blot: HCA59 Antibody [NBP1-83170] - Analysis using Anti-C9orf78 antibody NBP1-83170 (A) shows similar pattern to independent antibody NBP1-83168 (B).



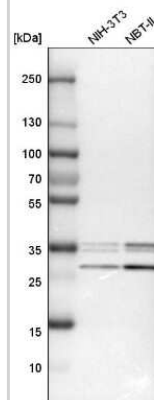
Immunocytochemistry/Immunofluorescence: HCA59 Antibody [NBP1-83170] - Staining of human cell line U-2 OS shows localization to nucleoplasm.



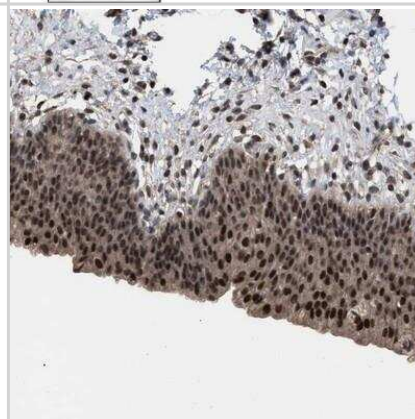
Immunohistochemistry-Paraffin: HCA59 Antibody [NBP1-83170] - Staining of human testis shows strong nuclear positivity in cells in seminiferous ducts.



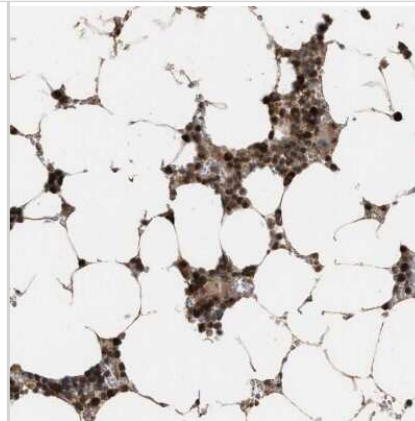
Western Blot: HCA59 Antibody [NBP1-83170] - Analysis in mouse cell line NIH-3T3 and rat cell line NBT-II.



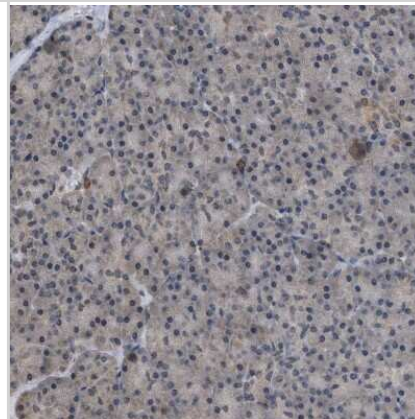
Immunohistochemistry-Paraffin: HCA59 Antibody [NBP1-83170] - Staining of human urinary bladder shows strong nuclear positivity in urothelial cells.



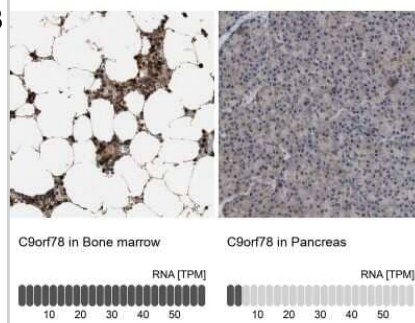
Immunohistochemistry-Paraffin: HCA59 Antibody [NBP1-83170] - Staining of human bone marrow shows high expression.



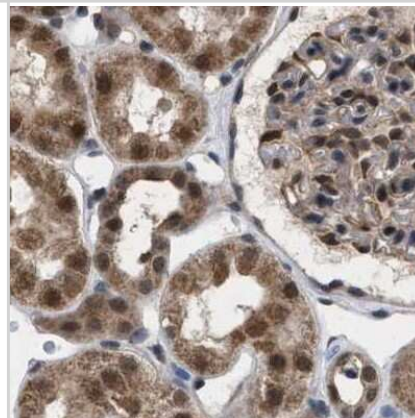
Immunohistochemistry-Paraffin: HCA59 Antibody [NBP1-83170] - Staining of human pancreas shows low expression as expected.



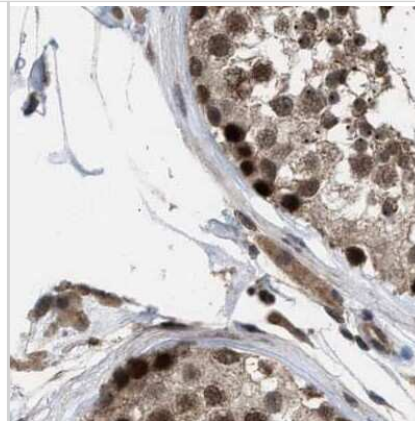
Immunohistochemistry-Paraffin: HCA59 Antibody [NBP1-83170] - Staining in human bone marrow and pancreas tissues using anti-C9orf78 antibody. Corresponding C9orf78 RNA-seq data are presented for the same tissues.



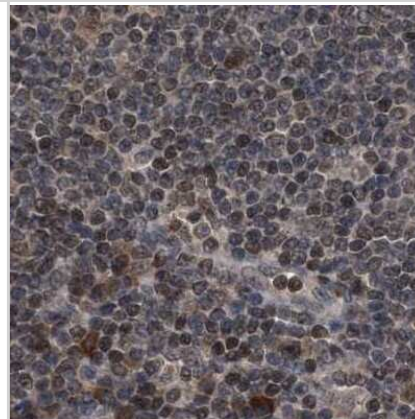
Immunohistochemistry-Paraffin: HCA59 Antibody [NBP1-83170] - Staining of human kidney.



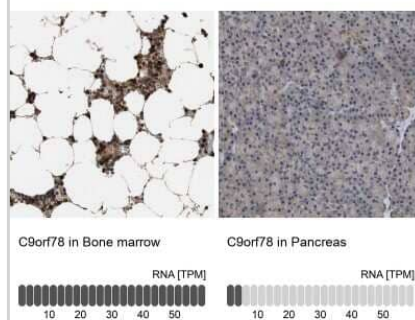
Immunohistochemistry-Paraffin: HCA59 Antibody [NBP1-83170] - Staining of human testis.



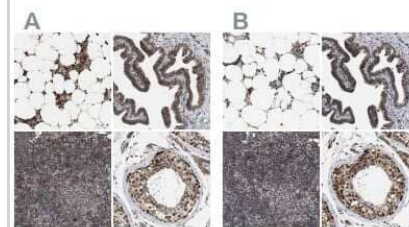
Immunohistochemistry-Paraffin: HCA59 Antibody [NBP1-83170] - Staining of human lymph node.



Immunohistochemistry-Paraffin: HCA59 Antibody [NBP1-83170] - Analysis in human bone marrow and pancreas tissues. Corresponding HCA59 RNA-seq data are presented for the same tissues.



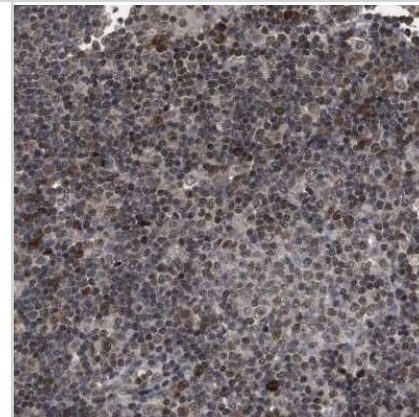
Immunohistochemistry-Paraffin: HCA59 Antibody [NBP1-83170] - Staining of human bone marrow, fallopian tube, lymph node and testis using Anti-HCA59 antibody NBP1-83170 (A) shows similar protein distribution across tissues to independent antibody NBP1-83169 (B).



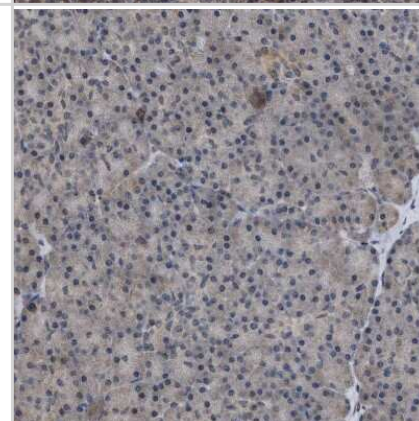
Immunohistochemistry: HCA59 Antibody [NBP1-83170] - Staining of human Fallopian tube shows moderate nuclear positivity in glandular cells.



Immunohistochemistry-Paraffin: HCA59 Antibody [NBP1-83170] - Staining of human lymph node shows strong nuclear positivity in non-germinal center cells.



Immunohistochemistry-Paraffin: HCA59 Antibody [NBP1-83170] - Staining of human pancreas shows very weak positivity in exocrine glandular cells as expected.



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 NBP1-83170

NBP1-83170PEP	HCA59 Recombinant Protein Antigen
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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