

Product Datasheet

NUDC Antibody - BSA Free

NBP1-89510

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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NBP1-89510

NUDC 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

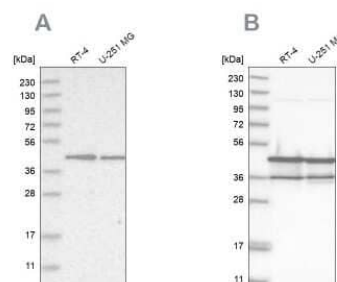
Host	Rabbit
Gene ID	10726
Gene Symbol	NUDC
Species	Human
Reactivity Notes	Reactivity reported in scientific literature (PMID: 23435261)
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: MGGEQEEERFDGMLLAMAQQHEGGVQELVNTFFSFLRRKTDFFIGGEEGMAE KLITQTFSHHNQLAQKTRREKRARQ

Product Application Details

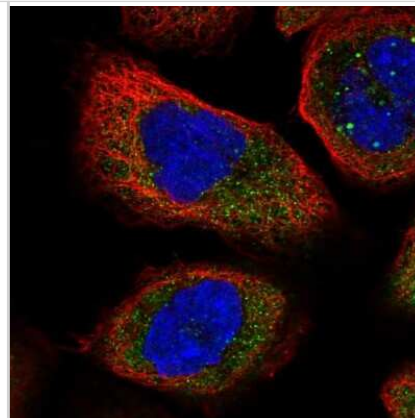
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:20 - 1:50, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:20 - 1:50
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. Immunocytochemistry/Immunofluorescence Fixation Permeabilization: Use PFA/Triton X-100.

Images

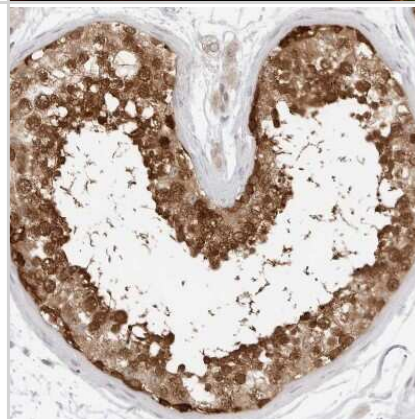
Western Blot: NUDC Antibody [NBP1-89510] - Analysis using Anti-NUDC antibody NBP1-89510 (A) shows similar pattern to independent antibody NBP1-89517 (B).



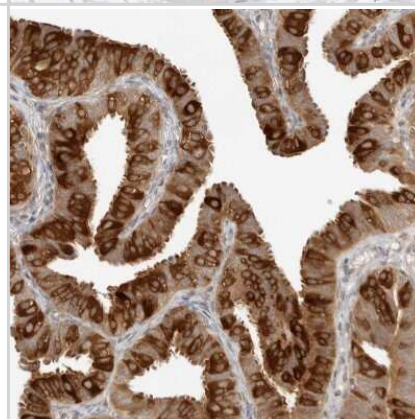
Immunocytochemistry/Immunofluorescence: NUDC Antibody [NBP1-89510] - Immunofluorescent staining of human cell line A-431 shows localization to cytosol.



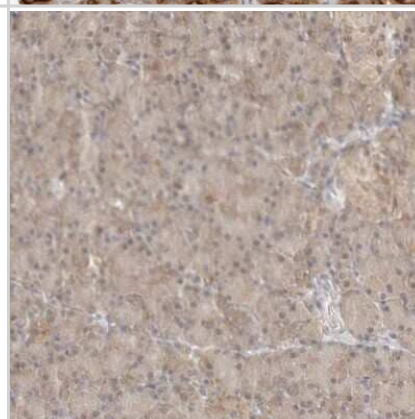
Immunohistochemistry-Paraffin: NUDC Antibody [NBP1-89510] - Staining of human testis shows strong cytoplasmic and nuclear positivity in cells in seminiferous ducts.



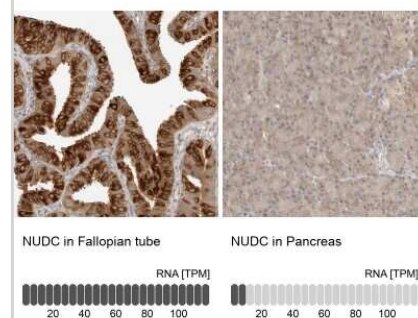
Immunohistochemistry-Paraffin: NUDC Antibody [NBP1-89510] - Staining of human fallopian tube shows high expression.



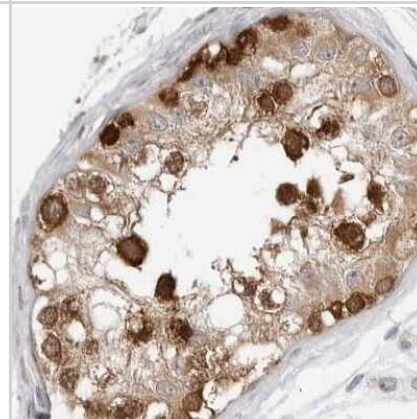
Immunohistochemistry-Paraffin: NUDC Antibody [NBP1-89510] - Staining of human pancreas shows low expression as expected.



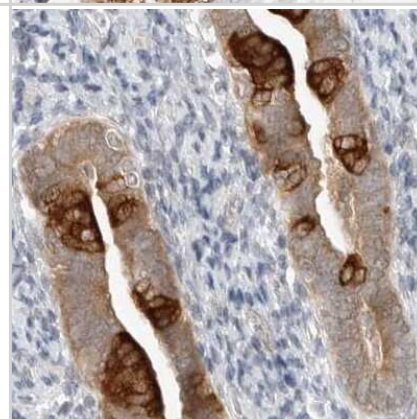
Immunohistochemistry-Paraffin: NUDC Antibody [NBP1-89510] - Staining in human fallopian tube and pancreas tissues using anti-NUDC antibody. Corresponding NUDC RNA-seq data are presented for the same tissues.



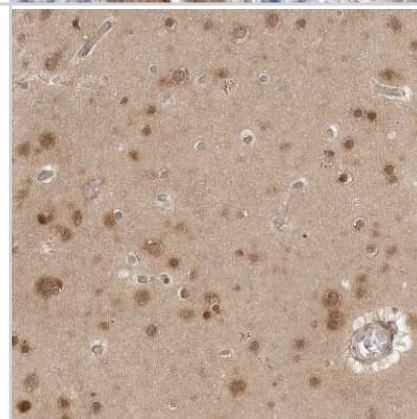
Immunohistochemistry-Paraffin: NUDC Antibody [NBP1-89510] - Staining of human testis.



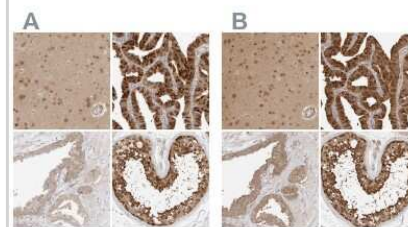
Immunohistochemistry-Paraffin: NUDC Antibody [NBP1-89510] - Staining of human endometrium.



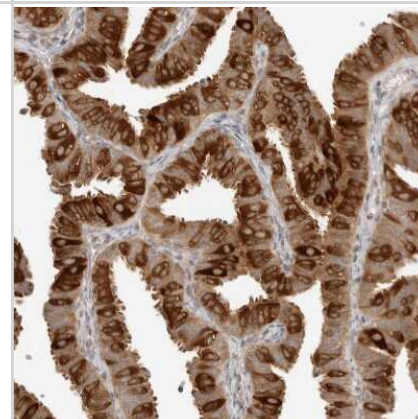
Immunohistochemistry-Paraffin: NUDC Antibody [NBP1-89510] - Staining of human cerebral cortex shows weak to moderate cytoplasmic and nuclear positivity in neurons.



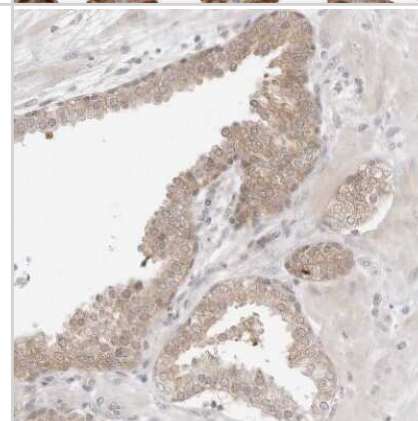
Immunohistochemistry-Paraffin: NUDC Antibody [NBP1-89510] - Staining of human cerebral cortex, fallopian tube, prostate and testis using Anti-NUDC antibody NBP1-89510 (A) shows similar protein distribution across tissues to independent antibody NBP1-89517 (B).



Immunohistochemistry-Paraffin: NUDC Antibody [NBP1-89510] - Staining of human Fallopian tube shows strong cytoplasmic positivity in glandular cells.



Immunohistochemistry-Paraffin: NUDC Antibody [NBP1-89510] - Staining of human prostate shows weak cytoplasmic positivity in glandular cells.



Publications

Stadler C, Rexhepaj E, Singan VR et al. Immunofluorescence and fluorescent-protein tagging show high correlation for protein localization in mammalian cells. Nat Methods 2013-04-01 [PMID: 23435261]



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Products Related to NBP1-89510

NBP1-89510PEP	NUDC 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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